The National CLEANER & DYER

Buyers' guide giving names of manufacturers of drycleaning equipment and supplies—list of product trade names—main addresses of all manufacturers—grouping by states and cities of manufacturers, their branch offices, jobbers and distributors. Discussion of sales promotion media.

Data on plant management and operation.

Table of contents on page 6

GUIDEBOOK ISSUE for the DRYCLEANING INDUSTRY

February 1950

Here's a practical way to reduce your solvent recovery costs

YOU CAN USE your solvent over and over again with minimum waste or loss . . . cutting your solvent costs to the bone . . . when you filter with Hyflo®, the original high speed filter powder.

Hyflo's high filtering effectiveness is due to its tiny particles—of just the right fineness—that build up an open, porous cake on the filter screen. This Hyflo cake is fine enough to trap out *all* dirt, lint, and other insoluble impurities . . . yet is sufficiently porous to prevent clogging. The sparkling clear solvent flows through freely and at high speed.

The result is that your solvent stays clean longer, requires distilling less often. This not only reduces your solvent recovery costs, but gives you faster cleaning . . . faster rinsing . . . a reduction in odor troubles . . . more thorough, and more economical cleaning all along the line.

Ask your dealer for a copy of the 48-page Dry Cleaner's Handbook. It will tell you all about Hyflo . . . how to use it correctly . . . and help you get the most out of your filter system. Johns-Manville, Box 290, New York 16, N. Y.

JM

®Reg. U. S. Pat. Off.

Johns-Manville

HYFLO

the original high speed Filter Powder

Case (4x1 Gal.) . . $2.60 per Gal.
One Gallon . . . . . $2.85 per Gal.

Are you UNHAPPY *about* FUR & LEATHER CLEANING

BIXBEE NUMBER 20

Restores, Softens and Repairs

DAMAGES CAUSED BY STEAM and SOLVENTS

Gives New Life to

- **FUR COATS AND FUR TRIMS**
- **SHEEPSKIN AND FUR LININGS**
- **MOUTON COLLARS AND CUFFS**
- **JACKETS AND OTHER PRODUCTS MADE OF SUEDE & LEATHER**

ORDER FROM YOUR JOBBER TODAY!

NOW. . . A NEW FORMULA ESPECIALLY PREPARED FOR DRY CLEANERS

- EASY TO USE—NO NEED TO REMOVE FUR!

  Just open the linings, treat the damaged areas . . . sew up the linings. You are finished in minutes.

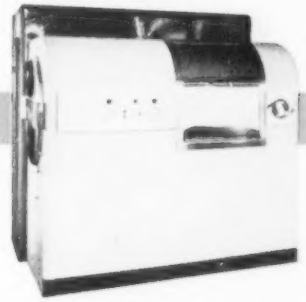
- COSTS PENNIES PER GARMENT!
- A PROVEN SUCCESS IN THE FUR INDUSTRY

Bixbee No. 20 protects you against costly damage claims! Don't let burned, hardened, cracking, shriveled and shrunken furs and leathers baffle you. Save time, trouble and worry over damages caused in dry cleaning processes. Bixbee is the miracle product that has become a necessity in the fur industry for giving supple softness and renewed vitality to apparently hopeless pieces. Formula No. 20 has been created especially so that dry cleaners can score the same success . . . without any technical training. It opens the door to satisfied customers and extra business . . . shuts the door against loss!

Sole Mfrs. **BIXBEE RESEARCH INC.** 56 S. 11th Street Brooklyn 11, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

You can make more money with a SEC-o-matic!



HUNDREDS OF DRY CLEANERS ARE DOING IT EVERY DAY...

BECAUSE–SEC-o-matic is:

FAST—*It will wash and extract a load in 10 minutes—and do it automatically. Uses any synthetic solvent.*

FLEXIBLE—*It can handle six different types of material in one hour—as much as 90 pounds an hour when you need it.*

ECONOMICAL—*It saves on labor. A SEC-o-matic, running at full capacity, needs attention less than 15 minutes out of every hour. It's built to stand up and deliver cleaner clothes with brighter colors—year after year! Our service men are at the other end of your phone if you ever need assistance.*

To get the full story on SEC-o-matic profit-building dry cleaning equipment, just send this coupon today. It costs you nothing—and can save you much.

SOME MEN WHO KNOW IT PAYS TO HAVE A SEC-o-matic

"Since I installed my new SEC-o-matic, our business has increased 300%."
—All-Well Scientific Cleaners, New York City

"... to my surprise, I doubled my business in seven months after installing a SEC-o-matic in my window."—Swift Cleaners, Elizabeth, New Jersey

"Ever since we installed our post-war, streamline SEC-o-matic our business has grown by leaps and bounds."—New Process Cleaners, Bronx, New York

"Due to the quality of work produced by the SEC cleaning machine, our business has increased remarkably."—Service Cleaners, Cleveland, Ohio

SEC-o-matic Corporation
65 La France Ave., Bloomfield, N. J.

☐ Please send me full information on SEC-o-matic Dry Cleaning Equipment.

☐ Please let me know where I can see a SEC-o-matic in operation.

NAME _____
ADDRESS _____
CITY _____ STATE _____

SEC CLEANING SYSTEMS

65 LA FRANCE AVENUE, BLOOMFIELD, NEW JERSEY

NATIONAL CLEANER & DYER, February, 1950. Published monthly by the Trade Paper Div. of The Boulevard Corp. Publication Office, 300 West Chestnut Street, Lancaster, Penna., U. S. A. Executive and Editorial Offices, 304 East 45th Street, New York 17, N. Y. Subscription rates: United States, $3.00 and Canada, $3.50 per year; Foreign, $4.00 per year. Volume 41, No. 2. Entered as 2nd class matter April 23, 1948, at the Post Office, Lancaster, Pa., under the Act of March 3, 1879.

National CLEANER and DYER

VOL. 41 FEBRUARY, 1950 NO. 2

CONTENTS

Letters to the Editor 12
Signs of the Times 18
Business Builders 28
Gadgets and Gimmicks 28
Editorial 32
Planning for Selling 40
Sales Personnel 44
Solicitors and Blockbusters 45
Telephone Soliciting 46
Newspaper Advertising 46
Direct Mail 49
Customer Control 50
Radio 51
Television 53
Classified Directory 53
Car and Bus Cards 55
Billboards 56
Motion Pictures 58
Cooperative Advertising 59
Giveaways and Contests 60
Plant Visits 61
Consulting Service 62
Welcome Wagon 63
Public Service 64
Programs and Charity 65
Publicity 65
Drive-ins 67
Store Windows 68
Store Fronts 69
Illuminated Signs 70
Store Interiors 71
Trucks 73
Uniforms and Badges 73
Package Inserts 74
Packaging 75
Price Sales—Price Cutting 75
Two- or Three-Price Plans 77
Quick Service 78
Sidelines 79
Claims 79
Twenty-five Years Ago 107
Index of N.I.C.D. Technical Bulletins 110
Courses in Drycleaning and Related Subjects 112
1950 NATIONAL CLEANER & DYER Index to Articles 114

Guidebook—Directory Sections

How To Use the Directory 216
Classified Directory 217
Trade Names 268
Manufacturers 284
Local Buyers' Guide 292
Classified Advertisements 322
Advertisers' Index 327

DATA FOR DRYCLEANERS

The Cleaning Room

Synthetic Solvents 80
Physical Properties of Synthetic Solvents 81
Petroleum Solvents 82
Solvent Filtration 83
Use and Characteristics of "Sweeteners" 84
Solvent Tests 84
Minimum Filter Powder Usage 84
Capacities of Clarifying Tanks 85
Pumps for Filter Circulation 85
Capacities of Drycleaning Washers 85
Recommended Drycleaning Washer Speeds 85
Extractor Speeds 85
Kilowatt Hours To Run Extractors 85
Test for Wetcleaning Department 85

The Spotting Department

Common Spots 86
Spotting Tips 89
Stains To Be Prespotted 89

The Fur Department

Fur Storage Definitions 90
Fur Cleaning Classification and Work Chart 90
Gauging Relative Humidity 91
Approximate Cost of Vault Construction 91
Capacities of Fumigation Cabinets 91

The Laundry Department

Laundry Washer Capacities 92
Laundry Washer Revolutions per Minute 92
Laundry Extractor Speeds and Centrifugal Force 92

Management Notes

Initial Supplies 93
Effects of Price Changes 93
Effect of Price Reduction on Profits 94
Relationship of Volume—Profit 95
Wage Incentives 95
Cost Comparisons of 169 Plants for the Year 1948 96
Cost Percentages for the Year 1948 97
Production Standards 98

Data for Engineering

Boiler Efficiency 98
Boiler Efficiency Tables 99
Boiler Efficiency Chart for Fuel Oil 100
Boiler Efficiency Chart for Soft Coal 100
Coal and Oil Costs Compared 100
Gallons of Makeup Water To Feed Boilers 100
Losses from Boiler Scale 101
Boiler Heat Balances 101
Sizes for Boiler Combustion Chambers 101
Proportions Between Feed Pipes and Main Line 101
Steam Cost Chart 102
Diesel Fuel Consumption 102
Computing Oil Consumption When Coal Consumption Is Known 103
Dimensions of Standard Wrought Pipe 103
Efficiency Table Based on Evaporation 104

Facts for Figuring

Group vs. Individual Drive 104
Belt and Pulley Calculations 105
Flexible Metal Hose—Lengths and Minimum Bending Distances 105
Computing Tank and Jar Capacities 106
Expansion of Pipe 106
Trap Capacities 106

Table of Synthetic Fibers 108
Burning Tests for Fibers 110
Finishing Hints 110

NED WINTERSTEEN, *General Manager*
WILLIAM R. PALMER, *Editor*
G. W. TERR, *Managing Editor*
DAVID G. KAPLAN, *Fur Editor*
JOHN J. DUNN, *Associate Editor*
LOU BELLEW, *Associate Editor*
ROLLIN NELSON, *Art Editor*

Published monthly by the Trade Press Division of The Boylan-B. Hendrickson Corporation, publication office, 100 E. Chestnut Street, Lancaster, Pa. Editorial Offices, Mission Appeal Building of Corporation: C. E. Hendrickson, Chairman of the Board; B. M. Hendrickson, President; C. O. Lallybrooke, A. H. Bankards, Henry C. Hendrickson, Vice Presidents; Carlton E. Fraser, Vice President and Harrison Conrad, H. W. Warner, Secretary-Treasurer. Change of address should reach us 30 days prior to issuance to assure getting it with regular issue. Subscriptions: Control Service, $3.00 per year in advance. Canada, $4.50; Foreign countries, $6.00. Single copies: 1 to 10 copies, 50 cents; Canada and Foreign, 50 cents.

Editorial, Executive and General Advertising Offices, 304 E. 45th St., New York 17, N. Y.
Telephone: Murray Hill 4-7000

Eastern Advertising Offices, 304 E. 45th Street, New York 17, N. Y. Telephone: Murray Hill 4-7000. William A. Crawford, Manager.
Midwestern Advertising Offices, 28 N. Wacker Drive, Chicago 6, Ill. Telephone: Franklin 2-5088-87. Robert B. Kelley, Manager.
West Coast Advertising Offices, 1175 Wilcox Road, Pasadena, Calif. Telephone: Sycamore 7-5361. Robert B. Kelley, Manager.

Copyright, 1950, The Boylan-B. Hendrickson Corporation. The entire contents of this publication covered by general copyright. All rights reserved.

ANOLITE

ANHYDROUS EMULSIFIER

Make a better filter soap for only
95¢ per gallon.

1 part Anolite
5 parts Solvent

Use this economical solution either dry or in moisture stocks in the same concentrations as you have used your favorite filter soap.

Write for complete dry cleaning manual.

R. R. STREET & CO. INC., 561 W. MONROE ST., CHICAGO 6, ILLINOIS

PROFIT MAKER!

HIGHER PRODUCTION • FINER QUALITY TIRELESS OPERATION

NEW YORKER

AIR OPERATED PRESSES

Available in any model press used in the Laundry and Dry Cleaning Field

The operation of the NEW YORKER press is very simple, fast and convenient. The center foot pedal brings the head down in the "ZERO" pressure position for steaming and adjusting the garment. With this pedal depressed, a FINGER-TIP touch of the pressure lever next to the head valve handle will lock the head under full pressure. A slight forward movement of the leg or body touches the release bar and the head flies open smoothly and quietly. If locking is not desired, a simple control, within easy reach, will eliminate the locking but will retain the high pressure.

The NEW New Yorker AIR Operated press can be supplied with any of our 300 models of Heads and Bucks.

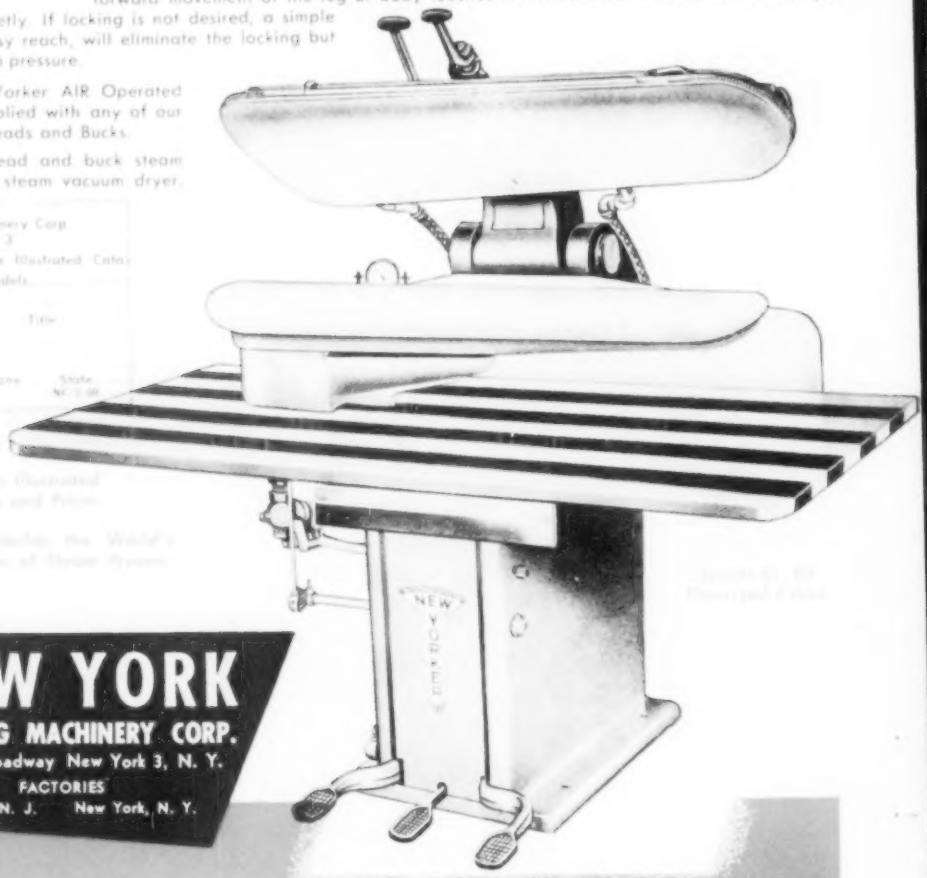
Equipped with head and buck steam spray and air or steam vacuum dryer.

N. Y. Pressing Machinery Corp.
880 Broadway, N. Y. 3
Please send me Free Illustrated Catalog and Prices of models.....

Name: Title:
Firm:
Address:
City: Zone: State:
NC-1-56

Send for Illustrated Catalog and Prices

"NEW YORKER" makes the World's Most Complete Line of Home Presses



NEW YORK
PRESSING MACHINERY CORP.
880-888 Broadway New York 3, N. Y.
FACTORIES
Paterson, N. J. New York, N. Y.

"BUILDERS OF BETTER PRESSING MACHINES *for* OVER 39 YEARS"

When writing to advertisers please mention The NATIONAL CLEANER & DYER

into the *RSR* bath first before you wet clean

saves time, trouble and labor.

Costs are down . . . production is up . . . in the hundreds of plants that make the ***RSR*** Bath a routine procedure before wet cleaning.

The ***RSR*** Bath is insurance that any albuminous* stains in a garment will be digested and ready to be flushed away completely in wet cleaning . . . You'll save much special handling and re-handling . . . You frequently avoid necessity for heavy scrubbing that will injure fabric or color.

Yes, you'll save time, trouble and labor when you give all soiled garments the ***RSR*** treatment before wet cleaning . . . You'll turn out more work and uniformly ***better*** work . . . It's good business!

Do you need more information about using RSR? Please write . . . It will be a privilege to serve you.

RSR REMOVES ALL TYPES OF ALBUMINOUS SPOTS

*BLOOD, GRAVY, MILK, ICE CREAM, COFFEE, DISCHARGE, BEER, EGG, FISH SLIME, GLUE, etc.

WALLERSTEIN COMPANY, INC. • 180 MADISON AVENUE, NEW YORK 16, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

a good name to remember

SO-KLEEN

Reg. U. S. Pat. Off.

DRY CLEANING

PENETRANT

"best by test"

for complete dry-cleaning satisfaction

gives load after load of continuous cleaning power

CLEANER GARMENTS LESS WASHING ODORLESS

The manufacturer of SO-KLEEN PENETRANT also offers these efficient Dry-Cleaning Soaps and Detergents:

SO-KLEEN SY—Dry-Cleaning Penetrant for Synthetic Machines.

SO-KLEEN PERC—Dry-Cleaning Penetrant for Perchlorethylene-Operated Machines.

OTHER DRY-CLEANING AIDS

WET-CLEANING SOAPS AND DETERGENTS

BRIGHTGLO—Wet-Cleaning Detergent.

SULFOSUDS—A Synthetic Organic Detergent with all the properties of a soap.

RUG-GLO—Concentrated Liquid Shampoo for Rugs, Upholstery.

SPOTTERS

ERADICO — Paint, Grease and General Spotter.

WET-O-DRY—Paint, Grease and General Spotter (Pine Base).

MANISOLV—General Spotter for all Silk Spotting.

NO RINSE SPOTTER—For Steam Gun.

MIDOFORM—Special Chloroform Spotter.

MERCO FLAMEPROOF—Protects Curtains and Drapes.

SIZINGS • MOTHPROOFERS
RUG AIDS • WATER-REPELLENTS

There is a Merson Product for every Dry-Cleaning need.

Write for literature

ask your jobber for these outstanding MERSON products

MERSON PRODUCTS COMPANY
63 Essex St., Jersey City 2, N. J.

I am interested in learning more about Merson Cleaning Aids. Please send me literature and prices.

Name _____

Company _____

Address _____

City _____ Zone _____ State _____

My Jobber is _____
(Name)

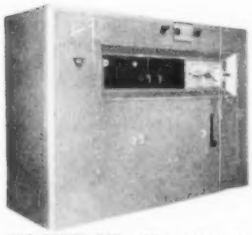
When writing to advertisers please mention The NATIONAL CLEANER & DYER

Greater Production at Low Cost

With This Line of Co-ordinated Synthetic Machines

ALL FROM ONE PLANT

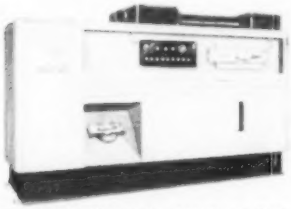
Whether you need one machine or a complete new plant, you'll benefit by buying from VIC, because every machine in this line is engineered to the most modern degree . . . and is tops in ruggedness, dependable performance, low operating cost, and large capacity.



VIC SUPER PER—With Automatic Shaker Filter; Has Built-in Recovery Unit; Large basket; Lowest Priced Semi-Automatic Per Machine On the Market! Price $4,645.

VIC "90" — Has Patented Self-Cleaning Filter; Handles 90 lbs. Per Hour or 150 lbs. With The Recovery Unit; Available With or Without Still. Price $3,700.

VIC SOLVENT SAVER—Model 24; 35 to 40 lbs. Per Unit; Goes Thru Standard Door. Direct Motor Driven; All Steel Construction. Price $1,495.



VIC AUTO PER—Full Automatic or Manual Operation; Built-In Recovery Unit; Automatic Still Included.

VIC STILL — Can Be Used With Any Synthetic Machine; Capacity 25 to 30 Gals. Per Hour; Holds 25 Gals.; Uses Less Than 1 H.P. Steam; Economical. Price $395.

Introducing

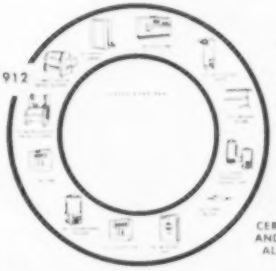
The VIC SPECIAL PER with Built-in Recovery Unit

This low-priced synthetic unit fits the needs of every dry cleaning plant, large or small. For modest sized plants doing $600 or less per week, it is just right, in size, price and capacity. For the large plant, it is ideal for re-runs and specials. Place it next to your spotter. Price $2,895.

SMALL DOWN PAYMENT, EASY MONTHLY INSTALLMENTS

All prices f.o.b. factory.

EXPERIENCED SINCE 1912



Watch for the VIC 75lb Synthetic Unit. Built-in Recovery. Fully Automatic. Lower in cost than any 50 to 60 lb. unit on the market today!

MINNEAPOLIS 3, MINN.

NEW YORK
22 West 3rd St.

ST. LOUIS
3335 Union St.

LOS ANGELES
8480 S. Main St.

CERTIFIED SALES AND SERVICE IN ALL PRINCIPAL CITIES

When writing to advertisers please mention The NATIONAL CLEANER & DYER

LETTERS to the editor

☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆

Are Silk Spotters Obsolete?

Dear Editor:

First of all, I want to tell you that I read "The Spotting Manual" and found it super. I actually learned my trade of silk spotting on it. Between your book and Mr. Hubbard's I have mastered the trade to the point where I have made quite a reputation in the area, and get many calls to help cleaners in distress. I have read your book over hundreds of times and have written to major companies which would help me in fabric and fiber analysis, etc., and chemical reactions.

Now with all that studying of textbooks of competent authorities, I am wondering if it was in vain. Here is what is bothering me. Now the big companies come out with this slop spotting with steam gun and water, giving the plantowners the idea that silk spotting isn't an art and that any inexperienced spotter can be a silk spotter easily. I have tried slop spotting and I don't say it isn't good for it does eliminate some spotting. As we all know, even in the old days some form of prespotting always helped to minimize wetcleaning and spotting, and I find that after slop spotting one may get some passaps but they still have to be looked at and need chemical spotting.

Being a head spotter in a plant doing $5,000 or more a week, at times I am worried that the plantowner may think that a good spotter isn't necessary as before. Do you think that a plant needs a good silk spotter all the time and will he always get his top wages?

I'll say again that spotting silks, regardless of slop spotting or come what may, will always be an art. For in this game I think there are excellent spotters, good spotters and the average. What do you thing of the situation?

A Silk Spotter

The first mistake and perhaps the most serious mistake that drycleaners make on the subject of slop spotting is to think that an inexperienced person can do the slop spotting that would require an experienced spotter after drycleaning. The man who does the spotting, regardless of what type of spotting, must know his stains, his fabrics and his dyes.

We are finding that slop spotting does not cut down very much time spent on spotting but it does cut down very much the number of wetcleans, the number of drycleans and the difficulty in finishing many garments. It is here that the actual savings are made in costs.

No, we do not think you need to worry about the disappearance of the skilled fancy spotter from the drycleaning industry.

Editor

An Employee Speaks His Mind

Dear Editor:

First I must inform you that I am a head silk fancy spotter and not a cleaning plantowner. I have been doing this work for 27 years. Not once in all those years did an employer voluntarily offer me the use of The National Cleaner & Dyer. The few journals I accidently found made me think I could learn something from them. And I did, even though the magazine is meant for the plantowner. In 1943 I met the late Mr. Trimble and that experience raised my estimation of the journal.

In the last few years I have tried to propound some of the ideas and suggestions and methods I have read in The National. I did not tell my employers or superiors where I got the information, and they laughed at me. I'd not feel so bad if that were only true of inexperienced new plantowners, but the oldtimers were as bad or worse. That made me think. What sort of industry had I devoted my life to?

I'll keep what I think of plantowners to myself. But here is a wealth of information given to them for practically no cost at all. Your editorial writers present understandably what your fieldmen and researchers ferret out. If I had my own plant I could prove how sound some of your ideas are. But who would pay attention to the small voice of a silk spotter with only 27 years of honest and conscientious effort?

Last summer I went to work for one of the better known high-grade drycleaners in this area. Soon after, I received your offer of $1.50 per year subscription for employees, but must have plant signature. When I presented the idea to my manager he poohpoohed it and said I could use the plant copy. So far I have not seen one. What do you suppose he is afraid I'll learn?

This same firm wants the finest work, but will not allow us the time, nor modern methods or machinery or products to perform same. I am not permitted to speak to trade salesmen. When I suggest a proven method or product, shoulders are shrugged and they don't say no but then they *don't* say yes.

Forgive me for taking up so much of your time, but I finally had to get this off my mind.

A Silk Spotter

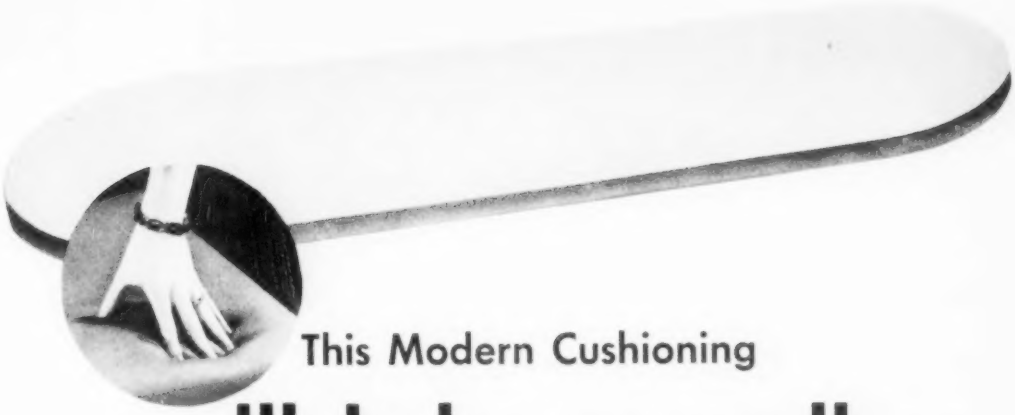
Nylons Are Cheaper Here

Dear Editor:

There is no mention of repairs to laddered hosiery in your journal—or of equipment for doing this work. The reverse is the case here, of course. There is prominence given to invisible mending of garments in the States (which work we also do here) but apparently stockings are so readily obtainable—and cheaply—that they are not considered repairable. The average cost here of repairing a nylon is 2/- (2 devalued shillings are 28 cents)—and most dyers and cleaners conduct hosiery repair services. Hosiery repairing was a considerable business here before the last war.

The only machine we ever sent to a private lady in Indianapolis is kept fully employed by her—oddly enough. We taught the lady by correspondence—which we would not care to have to repeat. It is difficult enough to learn with three months personal instruction—and is a skilled trade. This merely as a matter of interest.

Hosiery Repairing Machine Manufacturers
Wrathdene Middlesex England — *Timothy Dean Ltd.*



This Modern Cushioning

will help you sell

more press pads!

The same material that brings magic comfort to furniture and mattresses now brings magic economy and long life to press pads. It's **Airfoam**—Goodyear's matchless foam latex cushioning.

When top layers are made of porous **Airfoam,** press pads are assured of full vacuum draw, with no possibility of steam escaping at the edges. **Airfoam** is easily cleaned with soap and water while on the press, saving time and trouble, and speeding up production.

Most important, **Airfoam** lasts far longer than conventional materials. Because it's so durable, so trouble-free, it more than pays for itself in the long run.

Why not investigate the dollars-and-cents advantages of using **Airfoam** top layers in your press pads? Write: Goodyear, Airfoam Dept., Akron 16, Ohio.

You can blow cigarette smoke through **Airfoam.** *Its porous construction insures instant passage of steam and vacuum.*

Airfoam

SUPER-CUSHIONING BY

GOODYEAR

THE GREATEST NAME IN RUBBER

Airfoam—T. M. The Goodyear Tire & Rubber Company

When writing to advertisers please mention The NATIONAL CLEANER & DYER

New LIGHT-MEDIUM ½-1½ TON GMC TRUCKS

Now Better Than Ever for Service Vocations Retail Transport and Delivery Work

New 96-h.p. "228" and 110-h.p. "248" Engines

•

New 1½-Ton "280" Series Models of 11,000 Pounds GVW

•

New Airplane-Type Shock Absorbers on ½-1 Ton Models

•

New One-Piece Dustproof Floors in Panel and Canopy Express Trucks

•

New Cab Comfort with Wider Seats, Improved Sealing, Greater Headroom

There's a host of new engineering and design advancements in these 1950 GMCs . . . advancements which put them even farther out in front of their field . . . advancements which make them sure to "star" in their hauling range.

There's new power in the engines . . . more riding comfort in the cabs . . . improved load cradling in the chassis . . . and increased versatility with a completely new 1½-ton series added to the line.

The sleek Panel Delivery, above, has outstanding advertising and identification value and provides exceptional load protection. It is designed for economical operation over any route and is ideal for the needs of laundries, cleaners and dyers.

GMC
GASOLINE • DIESEL
TRUCKS

GMC TRUCK & COACH DIVISION • GENERAL MOTORS CORPORATION

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Now . . . Arrow Sponge Pads . . . America's original and genuine sponge pads are fully patented. For your protection, look for the Arrow trade mark on every Arrow Sponge Pad . . . it's your assurance of greater pressing efficiency and economy. No button or zipper breakage . . . no shine to steam out . . . no frequent production stops for repadding. Operators press better . . . faster . . . easier with the patented Arrow Sponge Pad.

TRADE MARK ARROW SPONGE PAD PAT. PEND. KANSAS CITY 8, MO. ARROW MFG. CO. INC.

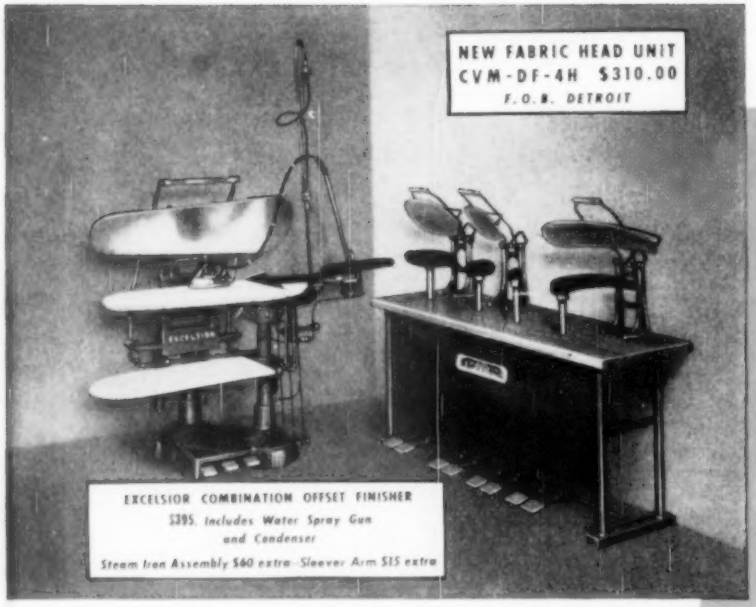
*Reg. U. S. Patent Office
Patent No. 2482412

ORDER DIRECT FROM YOUR JOBBER

ARROW MANUFACTURING COMPANY

2922 TERRACE STREET • KANSAS CITY 8, MO.

• take a look at a great new MONEY MAKER



INSIDE STORY
OF THE NEW IMPROVED *Excelsior* FABRIC HEAD PRESSING UNIT

Here at last is the last word for production line efficiency. The new Excelsior Fabric Head Unit is a marvel of engineering perfection . . . all 4 puffers assembled on one table . . . only 68" long, 22" wide. Combination master puffer unit plus companion series of scientifically designed heads to press tops of dresses and blouses. This Fabric Head Unit in conjunction with the famous Excelsior Combination Offset Finisher is the modern answer to turning out more and better work at lower cost. Investigate today!

DOES EVERYTHING FASTER! BETTER!

Now you can do away with the hand ironing board! Every garment can be completely finished with this unit.

Now you can have the most compact and versatile silk unit ever designed for the finishing department. Only 8 feet, 4 inches long and 6 feet, 4 inches wide. Amazingly compact and scientifically designed for speedy efficiency. Each unit a complete finishing department requiring only one operator. Each unit consists of one Fabric Head Unit and the famous Excelsior Combination Offset Press, (Originated and perfected by Excelsior). No plant can consider itself modern unless it considers the overwhelming volume advantages made possible with this new Excelsior finishing equipment. That is the fact and any investigation will show you that this system will increase profits by cutting hand finishing operation costs drastically. Open your eyes . . . get the facts today!

WRITE TODAY ON YOUR LETTERHEAD FOR COMPLETE INFORMATION

EXCELSIOR MACHINERY COMPANY

1454 RANDOLPH ST. • DETROIT 26, MICH. • *Distributors in Principal Cities*

IT'S *EASY* TO SOLVE *ANY* CLEANING PROBLEM with Spix

Modern Research
CLEANING PRODUCTS

The Product	*What they will do for You*
DRI-TEX	The dry detergent for petroleum solvent. Produces maximum soil removal; reduces spotting and wet cleaning.
BRI-TONE	A very high quality concentrated soap. You add the solvent and water. Excellent cleaning at low cost.
SPIX STRATE	A detergent; add no water or solvent. Use straight. Excellent luster, soft feel, no shrinkage, no wrinkles.
KLOR-TEX	A detergent for chlorinated solvent that increases soil and spot removal.
TRUMP	Unsurpassed as a general oil spotter in dry or wet cleaning for a large variety of stains.
HAND BRUSHING SOAP	A quality, low priced, prespotter for imbedded soil, water marks and perspiration.
AL-BEX	A wet spotter for blood and all other types of albumin stains when steam spotting or wet cleaning.
BUMINOL	Removes blood and other albuminous stains with dry solvents—no water.
SOLVEX	An excellent airplane glue and finger nail polish remover. Solvent properties of acetone but does not dissolve celanese.
SPOTTING STICKS	Effective ink remover. Also active on fruit, light dye and metal stains.
VOLTEX	A safe volatile chlorinated solvent mixture for grease, oil, paint, lipstick. Excellent for mixing with Trump.

WRITE TODAY FOR MORE DETAILED INFORMATION

Spix PRODUCTS COMPANY
119 Dahlem Street Pittsburgh 6, Pa.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

SIGNS of the times

☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆

Accent on "Dry": The drought-dwindled reservoirs that supply water to New York City recently fell so low as to cause serious concern and a number of measures for water conservation. While the shortage was alleviated before it became necessary to cut down supplies to commercial laundries, the situation was capitalized by the drycleaning chain of Barrett-Nephews in a two-column, 10-inch ad which ran in one morning and three evening newspapers.

Headlined "How drycleaning can help you save water," the ad pointed out the quantities of water required for rinsing in home washing operations, and urged New Yorkers to send normally washable items to the drycleaner. Most of the copy was of an institutional nature, pointing out that drycleaning solvents and not water are used by all drycleaners. At the same time the ad offered special prices on such items as blouses, sweaters, sport shirts and bathrobes.

The ad, Barrett-Nephews reports, created great public interest and much favorable customer comment, as well as increased volume on the special items.

# #

"To the Cleaners?" Under this heading, the Detroit *Free Press* ran a cartoon in connection with the recent election which returned Albert E. Cobo as mayor of that large industrial city. Since the new official is a brother of Ed Cobo, owner of Detroit's Cobo Cleaners, the cartoonist was inspired to show Mayor Cobo driving a truck labeled Cobo Cleaners and laden with bundles representing such city problems as taxation, housing, transportation, etc.

City treasurer for 14 years before his election to the mayoralty, Albert Cobo had established an excellent reputation which led the cartoonist to portray him with an optimistic grin in spite of his unsavory "cleaning truck" load.

# #

Cleaning Employee Gets Courtesy Award: The Chamber of Commerce of Abingdon, Illinois, awards a $10 prize monthly to the most courteous employee of a local store. The cleaning industry had the distinction of winning the first of the series of prizes, which was given to Mrs. Jean Nixon, an employee of Ricketts Cleaners.

# #

Wages Up in New York: A survey made during a sample week in May 1948 showed a substantial increase in both wages and hours in the drycleaning industry over a survey week in February 1947. Allowing for the difference in hours, since May is a busy and February a slow season, gross hourly earnings increased approximately 6 percent. Average weekly earnings in May 1948 were $39.39, as against $33.68 in February 1947, with hours 43.6 in 1948 and 40 in 1947.

Average gross hourly earnings of employees were 93.7 cents in 1948 and 84.9 cents in 1947. Average straight-time hourly earnings in May 1948 were $1.08 for men, 76 cents for women. Women, incidentally, were employed mostly as store clerks at the lowest industry-occupation wage of 67.7 cents an hour. Most women plant workers were employed as hand finishers at an average 95.6 cents an hour.

The largest job category for men was pressing, with average straight-time hourly earnings of $1.23. Routemen averaged $1.03. Wage brackets ranged from a high of $1.52 for silk spotters to a low of 70.9 cents for delivery boys.

# #

Revocation of License Law Proposed: Appearing recently before the City Commission of Manhattan, Kansas, proprietor Harvey Langford of Campus Cleaners stated that most of the local cleaners favored revocation of the local license law. Passed during the depression, the law requires posting of a $1,500 bond by out-of-town cleaners doing business in Manhattan, and a $5 license fee from city cleaners. According to Mr. Langford, under today's changed conditions a license fee was considered unnecessary. The commission expressed its willingness to revoke the law if the majority of the town's cleaners requested the action.

# #

Cleaners Face Conspiracy Charge: In a case similar to a recent one in Philadelphia, a criminal action against five Madison, Wisconsin, drycleaning companies was started by the district attorney of Dane County. The five firms were charged with a price-fixing conspiracy to force a wholesale drycleaner of a nearby town to raise his prices on work done for Madison retailers. The charge stated that the wholesaler was threatened by the defendants with a price war to force him to meet their somewhat higher prices.

# #

New "Atomic" Dyeing Process: An absolutely fast fabric dye that will not wash out is claimed as the result of a new process which uses a radioactive uranium compound as a catalyst. The new Vat-Craft Corporation process, recently demonstrated at the Shamrock Textile Processing Co. in Paterson, N. J., dyes cloth photochemically, much as photographic film is developed.

The process is said to make the dye part of the fabric, penetrating through the fiber instead of just coating it. It is also said to work successfully on fabrics of every type.

# #

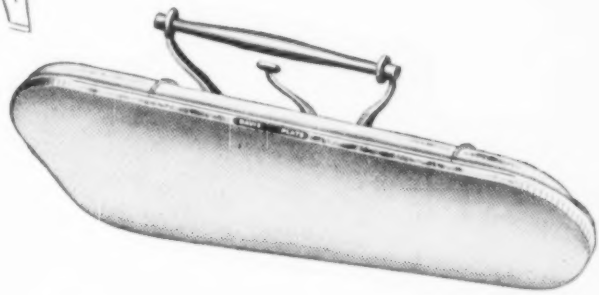
Canadian Town "Gets Tough": The city council of Windsor, Ontario, recently announced its determination to padlock the premises of any drycleaning operators who had not applied for licenses because they could not meet fire-department specifications. In one case, at least, it was stated, only the threat of a padlock order had prompted a plantowner to make the changes required to comply with fire department regulations.

Presses finish better if equipped with

DAVIS

Fabric-Renewing

PLATES



Finish garments easier, faster, *better*—on a press. The press furnishes moisture and heat, through steam supplied to the head and buck . . . automatic pressure, from the locked presshead . . . safe control of time by the operator . . . the vacuum needed for cooling and drying the fabric into the desired shape. To achieve the fine quality that customers demand, equip every press with a Davis *Fabric-Renewing* Plate, made with a patented burred surface that lifts the nap and renews the fabric, assuring a beautiful "like new" finish. Davis Plates are safe for every fabric. They pay for themselves over and over again, in extra production alone. Order Davis Press Plates today!

A size for every make or model of press

Hoffman XC05, XC07, Pantex 45, New York 42, 45 and all other 36 to 46" models	$13.50
Mushroom	$10.00
47 to 54" models	17.50

For All-Day Performance of Presses Every Day

Install DAVIS Uniflex Leak-Prufd Hose NOW!

Don't wait till your hose springs a leak! Order Davis Leak-Prufd Flexible Hose now and be prepared. It's the safe way to avoid a production shut-down. Made in all sizes for all models of cleaning and laundry presses. Davis Hose has the patented Leak-Prufd fitting with the mirror-smooth surface that permits a perfect seal—no leakage! Also a floating flange that allows faster attaching of hose and eliminates any twist when final assembly is completed.

ORDER FROM YOUR SUPPLIER TODAY

Davis SPECIALTIES, INC.

MANUFACTURERS · CHICAGO 24

© 1950

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Coming Soon . . . .

THE BOOK YOU'VE ALL BEEN ASKING FOR . . . .

THE FUR BOOK is for:	THE FUR BOOK gives:
The *drycleaner* or *laundryowner* who is beginning to handle furs or who plans to handle furs to build up and supplement his storage business. . . .	A complete explanation of fur cleaning. A practical self-teaching course in fur repairing and remodeling . . . with a set of sample jobs described step by step . . . plus a table of estimated costs. Basic techniques for making a fur garment.
The working *furrier*—beginning or experienced	General methods of making, repairing and remodeling a fur garment . . . with improvements devised by the author, tested in the field and accepted by leading furriers. Simplifications and improvements in let-out work and other standard techniques.
The department-store *executive*, the fur-department or fur specialty-shop *manager*, *buyer* and *salesperson*. . . .	A basic understanding of how fur garments are made . . . the advantages and effects of different methods. Keys to repair and remodeling possibilities and costs. Glossary of fur terms.
The *student* and *teacher*.	The first full explanation of the working of the fur-garment industry by a teacher-practitioner . . . written so that everyone can understand it.

The author has trained over 2,000 furriers directly . . . many more through the pages of The NATIONAL CLEANER & DYER. Here he gives you a comprehensive fur course in one handy, inexpensive volume!

Convenient size for ready reference at work table or machine. Stiff cloth binding for durability.

We couldn't overestimate the VALUE of THE FUR BOOK. The PRICE is only $7.50!

. . THE FUR BOOK

A Practical Guide to Fur Maintenance, Repairing, Remodeling, Garment-Making

By DAVID G. KAPLAN

Fur Editor, THE NATIONAL CLEANER & DYER
Instructor, Fur Garment Manufacturing
Central High School of Needle Trades, New York City
Senior Instructor, Fur Garment Division
American-Mitchell—Sol Vogel School, New York City

The only complete book on the market on every phase of handling furs! Here is the table of contents:

PART I. BASIC TECHNIQUES

CHAPTER 1. Preparing for Production
- Dressing the Skins
- Assorting and Bundling

CHAPTER 2. Fundamental Skills
- Fur Cutting
- Fur Operating
- Operating the Fur Machine
- The Final Steps

CHAPTER 3. Production of Simple Garments
- Matching
- Trimming, Damaging and Cutting
- Operating
- Nailing
- Squaring
- Closing
- Finishing

PART II. PRODUCTION METHODS

CHAPTER 4. Pelt Layout Systems
- Patterned Layout
- Concealed-Seam Layout
- Black Persian Garments
- Assembled Furs
- Enlarging Fur Area

CHAPTER 5. Let-out Work
- Let-out Fundamentals
- Split-Skin Let-out Work
- Refinements of Let-out Work
- Matching Let-out Work

CHAPTER 6. Other Processing Techniques
- Final Conditioning
- Fur Cleaning
- Glazing and Dyeing

PART III. REPAIRING AND REMODELING

CHAPTER 7. Repairing
- Repairing Worn Edges
- Repairing Sags
- Replacing Worn Fur at Seat
- Repairing Spotted-Fur Garments

CHAPTER 8. Remodeling
- Preliminary Problems
- General Remodeling Procedure
- Changing the Fit
- Sling-Cape Remodel
- Remodeling a Persian Lamb Garment
- Fur Accessories

PART IV. FOURTEEN TYPICAL FURS

PART V. BUILDING A FUR BUSINESS

APPENDIX. Some Common Problems

GLOSSARY. Terms Used in the Fur Industry

WITH A COMPLETE INDEX FOR EASY REFERENCE

AND . . . about 200 *helpful* illustrations! Clear, explanatory diagrams and photographs — showing details of tools, techniques, processes, types of furs, sample jobs

ALL FOR ONLY $7.50 (POSTAGE PREPAID). TO ORDER YOUR COPY, FILL OUT THE COUPON— NOW!

The National Cleaner & Dyer
304 East 45th Street
New York 17, N. Y.

CHECK MONEY ORDER

Gentlemen:

Please send me my copy (postage paid) of The Fur Book, by David G. Kaplan, immediately upon publication.

Name

Firm

Address

City State

Use NU-PRO PRODUCTS

They LEAD for EVERY CLEANING NEED

FASTER RESULTS . . .
HIGHER QUALITY . . .
GREATER ECONOMY!

NU-TEX
LIQUID FILTER SOAP

A top Dry Cleaning soap that increases pass-ups, speeds production, builds no filter pressure, and emphasizes economy. NU-TEX affords high soil removal from garments, yet is readily removed from solvent by any reclamation system. It may be used with water, as it forms an emulsion which remains stable, disperses in the solvent, and never breaks down. NU-TEX is also excellent for use as a hand-brushing soap.

KORO
LIQUID DETERGENT

Especially made for use in Filter Systems of dry cleaning. Also possesses high soil-removing qualities. KORO contains no fatty acids and leaves no odor in garments.

TOP QUALITY SOAPS for DRY CLEANING

NU-SO
SEMI-LIQUID SOAP

It brightens cottons and rayons like an ammonia soap and is so easy to use. Causes no wrinkling, shrinkage, or color bleeding. Leaves no odor in garments. It is especially made for use in the Filter System of cleaning. NU-SO disperses easily, builds no filter pressure, and is readily removed from the solvent. Its soil-removing qualities are comparable to paste soaps.

USE THESE NU-PRO SPOTTERS FOR SUPERIOR RESULTS

Lacquersol
NAIL POLISH REMOVER

Removes nail polish, enamels, other paints, varnish, salad oils, grease, airplane glue, etc. in a jiffy. Safe to use on all fabrics and all colors.

Nu-Spot
WET AND DRY SPOTTER

For quick removing of paints, grease, lacquer, oil, nail polish, lipstick, rouge, food spots, and other difficult stains.

NU-PRO MAGIC INK STICKS

A national favorite for removal of ink, fruit, berry, and other stubborn stains—in a flash! Easy to use, fast results, with economy. Two to a set.

THE NU-PRO LINE IS COMPLETE FOR YOUR EVERY NEED

TOPS—a concentrated Wet and Dry Cleaning Detergent.

NUSOLVO—a fine Pre-Spotter.

SYNSO—a Liquid Soap for use in synthetic systems.

PRE-SPOTTER S—also for use in synthetic solvents.

N. P. STRIPPER—may be used in copper kettle without danger of corrosion.

N. P. STAIN REMOVER—a fine quality product.

N. P. WATER REPELLENT.

P. F. S.—a fine Paste Filter Soap.

U-DOR-A LIQUID SPOTTER—a fine perspiration remover.

N. P. SIZE—a top dress size.

HYDROSITE—a fine Stripper and Stain Remover.

ORDER TODAY . . . AND BILL THROUGH YOUR NU-PRO JOBBER!

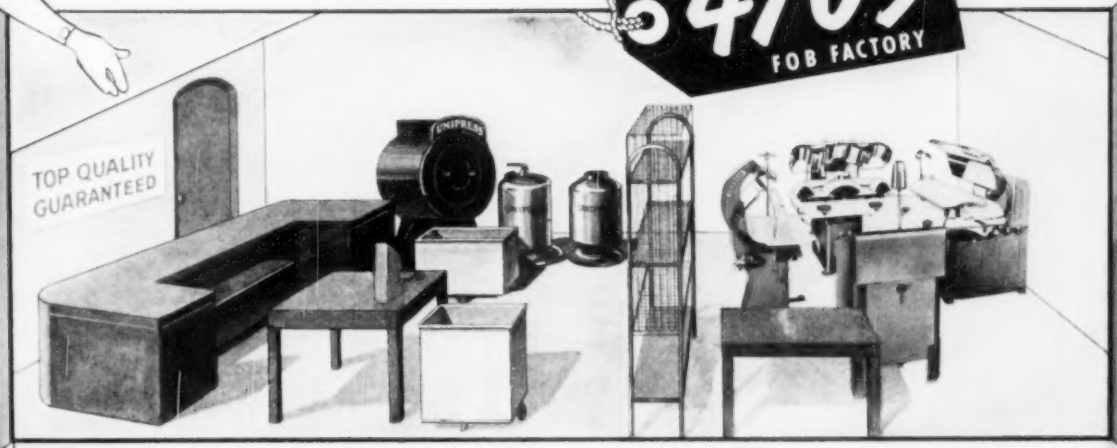
NU-PRO MFG. CO.
2918 WASHINGTON AVENUE • ST. LOUIS 3, MO.

Gliding Gladys Says..... *Increase your Volume! Increase your Profits!*

Buy a UNIPRESS

ECONOMY "PACKAGE UNIT" SHIRT LAUNDRY

ONLY $4709 FOB FACTORY



LOOK WHAT YOU GET FOR ONLY . . . $4709

Compact floor saving UNIPRESS Economy Shirt Laundry fits into 10 ft. x 17 ft. space with room to spare.

1—SS-2 Sleeve Press
1—SCCY-B Collar Cuff and Yoke Press
1—39-S Bosom and Body Press
1—Buttoner Post
1—Shirt Rack
1—Folding Table
1—Spray Gun with Condenser
1—Damp Box
1—Marking Machine
1—UNIPRESS 25 lb. Washer
1—UNIPRESS 17-inch Extractor
2—UNIPRESS Galvanized Tubs with Drain
1—UNIPRESS 15 gal. Starch Cooker
1—UNIPRESS 2-qt. Porcelain Dipper
1—UNIPRESS 12-qt. Starch Pail
1—UNIPRESS 15 Bin Sorting Truck
1—UNIPRESS Marking-in Table
1—UNIPRESS Shirt-Storage Truck
1—UNIPRESS Finished Work Shelf Truck

ONLY 3 GIRLS TO RECEIVE, MARK, WASH, FINISH, SORT AND WRAP

2400 *REGULAR* and *SPORT* Shirts per week

HERE IS THE BUY OF THE YEAR! Now you can install the volume-building money-making UNIPRESS 3 Girl Economy Shirt Laundry with less money. You make big savings because the famous UNIPRESS 2 Girl 3 Press Shirt Unit is the heart of the laundry. With only 3 heavy duty long life presses, you completely machine iron 30 or more high quality finish shirts per hour per operator. You save the price of a separate yoke press. You save floor space and steps.

PAYS FOR ITSELF QUICKLY! Big profits from the UNIPRESS Economy Shirt Laundry pay back the original investment quickly . . . plus large dividends. You make money on laundered shirts and the additional dry cleaning business that shirt customers bring in.

IRONS ALL REGULAR AND SPORT SHIRTS! The UNIPRESS Economy Shirt Laundry takes care of all shirts.

INVESTIGATE THE UNIPRESS ECONOMY SHIRT LAUNDRY TODAY!

Manufacturers of Laundry Power Presses and Equipment

The **UNIPRESS** *Company*

2800 LYNDALE AVENUE SOUTH
MINNEAPOLIS

Distributors in All Principa
Cities in the United States,
Canada and Foreign Coun

BUSINESS BUILDERS

Home-Town Program Appeals

LOCAL news is the feature of the radio advertising of Hibacka's Cleaners, Rock Springs, Wyoming. "Hibacka's Bulletin Board," broadcast from 1:00 to 1:15 six afternoons a week, consists entirely of items of local interest.

Ninety percent of the items are called in by Rock Springs residents. If, for example, a resident wants the list of guests at a party she is giving broadcast while it is in progress, she has only to phone the information to the radio station while the program is on.

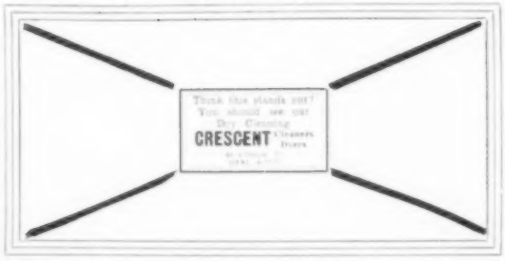
Mrs. G. W. Hibacka holds local newspaper in which ads are run for the radio program broadcast by Hibacka's Cleaners, Rock Springs, Wyoming. Calendar is mailed to anyone who calls in news items for the program

The cleaning plugs come at the beginning and end of the program. In each plug some special service is mentioned, such as water-repellent treatment or free mothproofing. The idea, according to owners T. and G. W. Hibacka, has been highly successful. Since the campaign started the alterations department has been taken out of the red and its volume has doubled several times.

Holiday Matchbooks

A LEADING exponent of "showmanship" in the dry-cleaning field, Bill Jacobs, owner of Criterion Cleaners and Launderers of Kansas City, Missouri, did not overlook the opportunity offered by the Christmas-New Year season. Promoting especially his new drive-in plant, boxes of oversize book matches were sent out with a dodger bearing season's greetings from Mr. Jacobs as "Producer in 1950 of 'Wife's Great Thrill.'" The promotion piece, printed in green and red, contained a picture of the drive-in with a caricature of its proprietor. The matches, appropriately decorated with poinsettias, also bore the name and address of the Criterion drive-in.

Stand-out Ad



White space gets attention for ad used recently by Crescent Cleaners and Dyers, Binghamton, N. Y. Original ad size was 5¾ by 3 inches

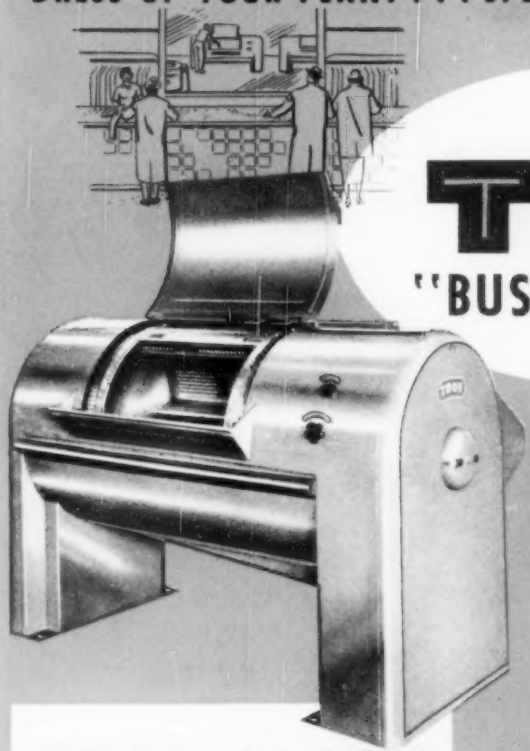
How to Build Alterations

DOUBLED volume was the first-week result of moving the alteration and repair department to the front of the store at J. G. Gavrel Cleaners, Fort Worth, Texas.

The greatest volume increase came in skirt and dress lengthening. One promotion for this service is a large sign on a standard near the main entrance. Another is a small dress-shop display hanger with a skirt hanging on it. The skirt has been lengthened without removing the old bottom press line.

Gavrel charges $2.50 for lengthening a dress or skirt. The top day showed 30 garments brought in for lengthening.

DRESS UP YOUR PLANT . . . SPEED UP YOUR PRODUCTION



with

TROY

"BUSINESS BUILDERS"

TROY ELECTROCLENE WASHERS

Modernize the appearance of your drycleaning plant with streamlined Troy Electroclene Washers. Only two points on washer and three on motor to lubricate. All operating parts are fully enclosed, yet readily accessible. Electroclene Washers are motor driven through multiple "V" belts. Available in two sizes: 30" x 30" and 30" x 48".

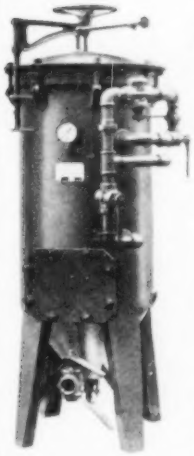
TROY ATLAS DRYCLEANING EXTRACTORS

Better quality drycleaning in less time and at lower cost. Center-Slung construction provides maximum safety. Atlas Drycleaning Extractors are "V" belt motor driven, available in 40" and 48" diameters and at slower speeds for "system license" cleaners.

WRITE FOR FREE TROY BULLETINS — Attractive bulletins available on all Troy Drycleaning Equipment, complete with illustrations, diagrams and specifications.

TROY RESEARCH BULLETIN, "Proper Drycleaning Extraction" also available. Has helped hundreds of drycleaners.

TROY-OLSON



Super-Flow Filters

Patented scraper makes sludge removal easy. Exclusive backwash system eliminates manual and mechanical scraping. 7 sizes: 1000 through 10,000 gallons per hour.

Super-Flow Stills

Heater and pre-heater coils are removable for easy inspection and cleaning. Easy to install and operate.

TROY LAUNDRY MACHINERY
Division of American Machine and Metals, Inc.
EAST MOLINE, ILLINOIS
In Canada: American Machine and Metals (Canada) Ltd., 1144 Weston Road, Toronto 9, Ontario.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Price Per 1,000 Strips (6,000 Tags) PER BOX

Now Only $3.30 (White)

...$3.50 in color

Waterproof and Solvent-Resistant

PRE-MARKED STRIP TAGS

make you money by increasing efficiency—speeding up marking and assembly by 50% ...they eliminate illegible numbers, costly garment losses, hand and machine marking.

Available 1 thru 30 in each of the 10 colors . . . or your choice of 300 color and unit combinations.

Consult Your Distributor

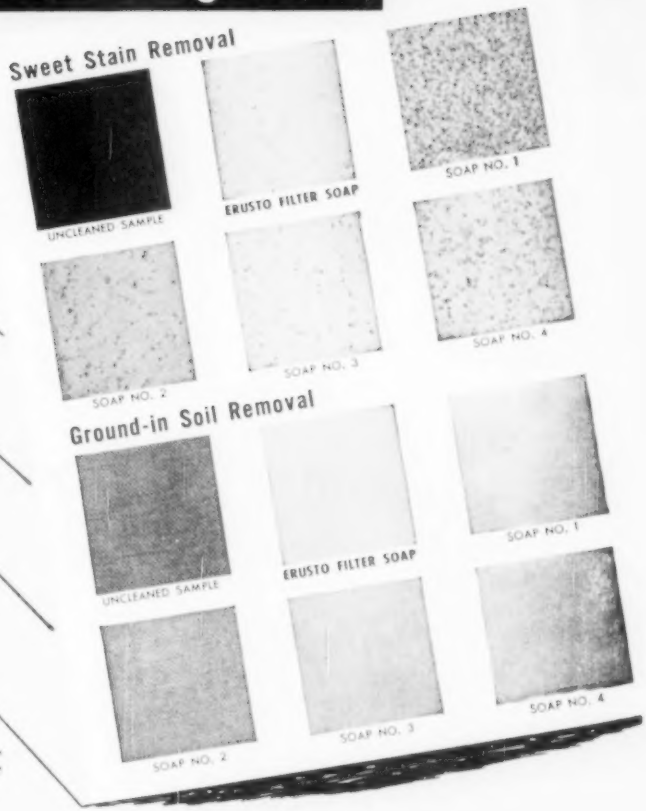
PRE-MARKED STRIP TAG CO., 3232 India, San Diego, Calif.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

How clear is a CLEAR background?

Tests show superiority of

Erusto Filter Soap



Unless backgrounds are clear and clean, steam or other spotting will produce light areas in work.

But how clear is "clear"?

Pennsalt's Whitemarsh Research Laboratories recently ran tests on Erusto Filter Soap and several competitive dry cleaning soaps. The charts above show you the results . . . and enable you to draw your own conclusions as to relative cleaning power of the different soaps.

Erusto Filter Soap is especially designed to come out readily on the filter (holding filter pressure to minimum), and at the same time, give you

1. MOISTURE DISPERSION, dispersed evenly throughout the solvent in a fine mist. You get better, faster cleaning, and higher percentage of pass-ups.

2. REAL DETERGENCY. You can knock out imbedded, ground-in soil, hold it in suspension and prevent redeposition.

Let your Pennsalt representative set up a trial run of Erusto Filter Soap. Notice how free-flowing it is . . . how easy to use . . . how it helps improve luster and sheen, cut running time . . . without leaving odors or foaming in the still. Use it—to produce better work at lower cost. Laundry and Dry Cleaning Division, Pennsylvania Salt Manufacturing Company, Philadelphia 7, Pa.

PENN SALT

DRY CLEANING PRODUCTS

Pensal • Perchloran • Penozone • Erustocide • Erusto Salts • Quaker Blue • Quaker Improved Chlorinated Lime • Erusto Filter Soap • Erusto Synthetic Solvent Soap • Erusto-Cetic • Erusto Oil, Paint and Grease Remover • Erusto Solvent • Erusto Dry Spotter • Erusto Liquid Wet Cleaning Soap • Erusticator • Erusto Pre-Spotter • Erusto DDT Emulsion. Trade Marks Reg. U.S. Pat. Off.

FREE-TECHNICAL ASSISTANCE

Pennsylvania Salt Manufacturing Company
Laundry & Dry Cleaning Division, Phila. 7, Pa.
Let me hear about your free technical assistance.

NAME . . . . . .

FIRM . . . . . .

ADDRESS . . . . . .

CITY & STATE . . . . . .

When writing to advertisers please mention The NATIONAL CLEANER & DYER

GADGETS and gimmicks

Keeping the Call Office Clean

"THERE'S nothing worse than a call office piled with bundles of dirty garments," says Ray Morin, owner of Waldport (Oregon) Cleaners.

At a plant which Mr. Morin formerly owned, marking was done in the room adjoining the call office. A feed chute through the wall, with a drop door, took care of the bundles as fast as they were written up.

At the new Waldport plant, the marking department is in the basement next to the drycleaning room and the drive-in garage for the trucks.

A chute with a top that closes and makes a stool leads from the customers' counter to the marking desk below. All surfaces of the 24-by-20-inch chute which can come in contact with garments are sanded and polished. The chute is so located that two people at the counter can serve customers and use the chute without reaching over in front of each other.

Ray Morin, owner of Waldport (Oregon) Cleaners, demonstrates his method of keeping the rush and dirty stow free of soiled garments

"I don't care how it is done," Mr. Morin said, "so long as the customers' room is kept free of dirty bundles. That's a cleaner's crime that can't be excused."

Colored Tags Place Responsibility

AT H. J. Cook Company in Los Angeles, California, all garments go to the finishers on hangers. Each finisher is assigned a color. She is furnished small tags of that color which have holes in them so that they can be slipped over the hanger hook. Before a finished garment is returned to the rail, the finisher's tag is placed on the hanger.

The advantages to this system, according to H. O. "Bud" Bayler, co-owner and production manager, are many. First, the inspector never has an argument as to who finished any garment. The color of the tag shows who did the job. Also, the forewoman does not have to go to the finisher's rail to make up her count. This can be done from the general inspection line.

Co-owner Bud Bayler of H. J. Cook Company, Los Angeles, shows colored tags used by finishers. When not in use they are kept in rack below

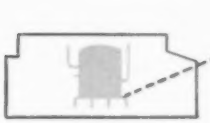
At the time of final inspection, the tags are removed and are placed by color in a rack, to be returned to the finishers as needed.

"We have fewer go-backs, and I honestly believe," said Mr. Bayler, "that we are getting 25 percent better quality finishing with the colored tags."

"Park Benches" for Protection

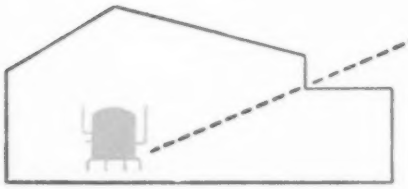
WIRE-MESH baskets shaped somewhat like park benches are used at about every location in the marking, finishing and sorting departments at New Method Cleaners, Laramie, Wyoming. If an operator has a tendency to hit the floor with garments, out comes a "park bench" to correct the error.

The baskets are made on a welded frame of half-inch pipe, 48 inches long and 22 inches wide, with 8-inch legs. The frame is covered with rabbit wire and painted with four coats of white enamel.



This Little Plant Has a Boiler Too Big

(. . . wasted investment)



This Big Plant Has a Boiler Too Small

(. . . wasted time, fuel and labor dollars)

NOW—Custom-Fitted Boiler Service with the HOFFMAN

Steamaster

"LITTLE SCOTCHMAN"

Scotch Marine Boilers

We've licked the boiler-buying "bogey" for you! Whatever your steam requirements, Hoffman can now furnish a "Steamaster" model that's exactly right for your needs. You've read about the "Little Scotchman." It's the amazingly efficient and thrifty design that saves fuel dollars, saves floor space, saves time. Your Hoffman representative has all the eye-opening facts. Call him or write us today.

- **Models from 3 to 25 H.P. . . . 6 sizes . . . for gas or oil-fired installation.**
- **Complete and compact . . . ready for installation . . . fully insulated . . . no lagging or brickwork.**
- **Thrifty low-cost operation . . . Scotch Marine design saves fuel . . . longer tube life.**
- **Fully approved by National Board of Pressure Vessel Inspectors . . . A.S.M.E. code.**

TOPS IN VALUE . . . SINCE 1905

Hoffman

U. S. HOFFMAN MACHINERY CORP. 105 FOURTH AVENUE, NEW YORK 3, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

HERE'S PROOF

of what DRYCO Spra-Spotting actually does . . . as told by one of thousands of enthusiastic users!

GLOBE LAUNDERERS & CLEANERS
1401 WASHINGTON ST.
MANITOWOC, WISCONSIN

January 4, 1950

Dryco Corporation
Syracuse 6, N. Y.

Gentlemen:

I would like to call your attention to our complete satisfaction with DRYCO "Spra-Spotting" and some of the amazing results it has given us with practically NO OTHER CHANGES in our cleaning or finishing procedures.

1—Reduction of wetcleaning to less than 1% with consequent elimination of wetcleaning as a separate department.

2—Reduction of recleans to less than 3% speeding up service by as much as 24 hours and keeping lots together automatically.

3—Giving over 96% passups in a plant that has thorough inspection. (Our silks go directly to the finishing department for inspection before finishing. The spotter handles only the few that need further attention.)

4—Fancy spotting, with all its costs and delays, has practically been eliminated.

5—Almost total elimination of shrinkage. We attribute this to a 50% reduction in the amount of moisture added to the cleaning process—the only change we have made in our procedure.

6—Practically no set stains due to drying process. This includes oxidized oils, unknown yellow stains and perfume, as the worst offenders of this type.

7—Slightly over 25% INCREASE in operator-hour production in the finishing department. This saving is due entirely to the new prespotting method, as we have made no changes of methods or personnel in this department. It promises to be our LARGEST SINGLE COST REDUCTION in years of constant method changes.

8—A significant but as yet uncalculated saving in cleaning supplies.

9—A definite increase in quality, even though we have always tried to deliver a "better-than-average" job.

10—NOT ONE SINGLE GARMENT DAMAGED due to cleaning and spotting procedures since we adopted this method.

We have accomplished these results with a cleaner that first saw the inside of a cleaning room last August, and a head spotter with less than seven months' experience. This shows the complete simplicity of the method.

We are convinced that this method . . . will be the greatest single step forward the industry has made in twenty years.

Sincerely,

Bob Lee

MR. LEE SAYS:
...amazing results!

MR. LEE SAYS:
...less than 1% wet cleans!

MR. LEE SAYS:
...less than 3% recleans!

MR. LEE SAYS:
...over 96% passups!

MR. LEE SAYS:
...better quality!

MR. LEE SAYS:
...almost no fancy spotting!

MR. LEE SAYS:
...shrinkage eliminated!

MR. LEE SAYS:
...25% more production!

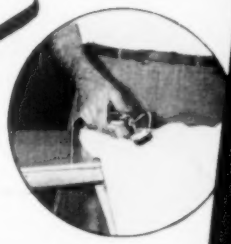
MR. LEE SAYS:
...no garment damage!

GET DRYCO SPRA-SPOTTING . . . IT'S Proved IN PLANTS COAST TO COAST

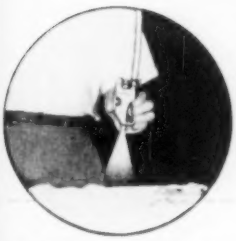
©1950 DRYCO CORP.

DRYCO "SPRA-SPOTTING"

cuts wetcleans and recleans nearly to zero in 2 fast, simple steps . . .



1. Steam the soiled area with regular STEAM gun.



2. Follow with quick application of prespotter from the SPRA-SPOTTING gun.

The DRYCO SPRA-SPOTTING UNIT breaks the spotting bottleneck . . . enables spotters to turn out more work, easier, because "the gun is quicker than the brush." Perspiration stains vanish like magic, and no worry about rings or discoloration. No hard scrubbing to increase costs and damage fabrics. Just steam it, then SPRA-SPOT it. That's all! No mess, no slop, no waste.

Saves 13.4¢ Per Garment Each Time Wetcleaning Is Avoided—

It costs at least 13.4¢ more to handle a wetcleaned dress than one that's *dry* cleaned only. SPRA-SPOTTING saves most of that cost.

HERE'S WHAT DRYCO *Pressurized* **SPRA-SPOTTING DOES FOR YOU . . .**

- **It reduces wetcleaning as much as 98-99%**
- **It practically eliminates costly recleans**
- **It solves the problems of rings, feathering and discoloration**
- **It increases spotter's productive capacity**
- **It increases cleaning-room capacity**
- **It improves quality of finishing**
- **It speeds service to customers**
- **It reduces garment damage claims**
- **It cuts costs all along the line**

Pays for Itself . . . Then Pays You!
ORDER NOW, FROM YOUR JOBBER

AN EXCLUSIVE PRODUCT OF
DRYCO Corporation
Quality Equipment for 20 Years
Syracuse 6, N. Y.

National CLEANER and DYER

Vol. 41, No. 2 EDITORIAL FEBRUARY, 1950

SALES MUST BE EARNED

DRYCLEANERS knock themselves out dealing with production problems, but seem to accept the ups and downs of sales volume with oriental fatalism. How often is a drop in volume blamed on the weather, or a competitor's prices, or customers' tighter purse strings, with no mention of what the drycleaner has done to counteract it. If volume is up, he says it's a lucky break!

We grant you can never control sales volume with anything like the ease of turning a water faucet on and off. However, the sales problem should receive fully as much attention, as much effort and as much planning as any phase of the drycleaning operation.

But we *do* have a sales program, you say. Right! But do you, if you are the top executive, devote as much time to sales policy as you do to production control or even to purchase of supplies? If you're running a one-man plant, how much of your busy time is spent in promoting sales? Or, if you do have a "sales manager" or "sales supervisor," does he serve as the plant errand boy, the person whose time is least valuable in your estimation and therefore subject to the greatest number of interruptions?

Selling and salesmanship are basic parts of the American free enterprise system. That system is based on an abundance of goods and services for people to choose from at competitive prices. It also means that the businessman is free, within ethical limits, to present his wares in the best possible light, to point out advantages that may escape the attention of the "uneducated" customer.

This "buyers' market" should be a permanent condition to ensure the free enterprise system that grants both freedom and enterprise to buyer and businessman alike. Enterprise means not only persuading people to buy but also providing what they want at a price they can afford. If we didn't have to sell our services, there would be no incentive to improve them. Our standard of living would remain static at best, but more likely would slip down. So, to improve our standard of living we must sell our products. In Stuart Bart's oft-repeated formula: "We must continually learn what people like and give them more of it; learn what they don't like and give them less of that!"

Responsibility and the Man

Salesmanship thus becomes more than running ads in the paper. It runs through every production problem. Every change in technique, in scheduling, in handling is questioned not only as to whether it saves costs and simplifies production, but the results of every change must also be acceptable to the customer. Therefore, somebody must not only represent the firm to the customer, but also the customer to the drycleaner.

Many drycleaners recognize this. The MacIntosh Associates strive to impress their staff members with the importance of balance by using the triangle as an emblem. The three sides of the triangle represent administration, production and sales; no two sides can stand alone.

This formula is confirmed by the growing number of engineering consultant firms that are finding it necessary to provide "sales engineering" programs in addition to their services for streamlining plant operations and cost-control systems.

In one of last year's editorials we pointed out the wide-open field now existing in this industry for competent sales managers. The letters and phone calls asking recommendations for "the best man you know of" remind us of those days right at the end of the war when similar calls for production superintendents flooded us. We are just as unable to help now as we were then. There are too few good sales managers in the drycleaning field.

There is now a "lost generation" among drycleaners. We meet members of that group in every city we visit. They are the men who fought a vigorous sales battle throughout the thirties at the expense of long hard hours of persistent campaigning. They won a place for themselves in the industry.

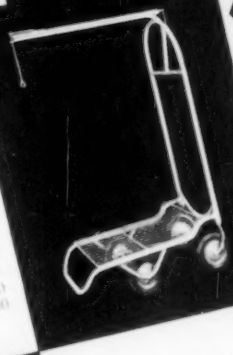
Then came the war period, with more years of tense striving for ever better production with ever poorer labor forces. With nearly fifteen years of struggling behind them, with sales forces nonexistent, and having lost a taste for burning the midnight oil seven days a week, this "lost generation" is extremely reluctant to reenter the struggle for sales volume.

The number of drycleaning plants has doubled since the end of the war. The competition is here to stay. We can't legislate it out of existence, we can't stifle it with controls, we can't daydream it away. We must outsell it!

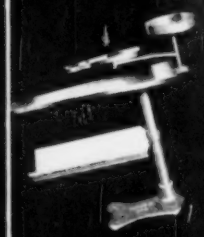
We must have a man (or woman) in our organization in charge of sales, trained in selling even if self-trained, thinking always in terms of selling, and able to devote undivided attention to selling. If it is a one-man plant, the owner must be constantly conscious of the three parts of his job, to the point where he might allocate so much time per week to administration, to production—and to sales.

IT'S YOUR MOVE TO BISHOP

MobilMark "Junior": 3-in-1 unit of storage bin, hopper and marking table. Saves a lifting of all incoming dry-cleaning. LOAD (at truck or store), ROLL (to open area in plant), and MARK. No need for fixed marking room. Has swing-away, removable desk (optional); pull-out marking shelf. Holds 120 lbs. Four 3" Neoprene swivel wheels. Space 28"x28". No. B2-135 $98.50 without desk $85.00

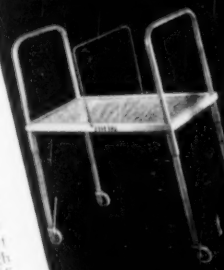


Moto-Rack: new, faster way to ROLL bagged work to delivery. Holds 75 hangers, eliminates hand-carry and allows garments to remain uncrushed, unwrinkled, just as they left the finishers. Saves labor, gets drivers to routes sooner. All-steel unit rolls easily on four 10" semi-pneumatic wheels (2 swivel, 2 fixed); turns in own length; 25" wide by 49" long. No. B24-10 $69.50

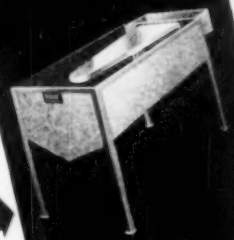


Cleaners Sorting Reel: for automatic garment assembly, twice as fast in half the space. More than double the volume handled in same time by same operator. Work is lighter; saves 25 miles of walking daily. Adapts to any size plant or store — any system. No operating cost. Floor space (loaded) 6'x6½; holds 350 dresses or 200 suits in 50 slots. Pays for itself. No. B12-50 $99.50

Clothes Cart: cuts handling from tumblers to spotters to finishers; holds up to 150 lbs. Saves space. Size 18" wide by 38" long by 45" high at ends. No. B2-100 $29.50

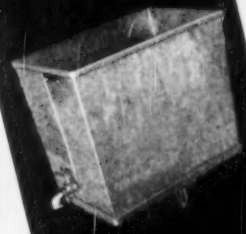


Galvanized Cleaning Room Truck: moves solvent soaked garments fast, effortlessly, safely. Sparkproof rubber wheels. Bucket-high drain. Size 22"x34"x19" deep to drainboard. No. B229-G $119.50



Chemical Steam Spotting Board of Lifetime Monel: Top won't absorb, crack or wear out. Swing-away sleeve board; tray for chemicals; canvas tray keeps garments off floor. Height adjusts. No. B21-3 $95.00

Prespotting Tub: Perfect for new Spra-Spotting Technique. Use also for fragiles and for wetcleaning. Size 53"x19"x27" high. Has draw-off valve and soap tray. No. B20-1 $165.00



CHICAGO

Order FROM YOUR JOBBER ...HE IS OUR DISTRIBUTOR

G. H. BISHOP CO.

MANUFACTURERS SINCE 1893

Copyright 1950 G. H. Bishop Co.

THE "BUCKEYE" LINE

You will find exactly the right product for any need you may have by consulting the following list:

DRY CLEANING SOAPS
For Petroleum Solvent

"PENNANT" DRY CLEANING PASTE TYPE SOAP is a scientific compound of basic materials of vegetable origin, unexcelled as a garment cleaner. For Batch, Strong Soap Solution or Pressure Filtration methods. Removed completely from solvent by chemical or distillation treatment. With moisture added if desired.

"BUCKEYE" DRY CLEANING SOAP is the pioneer of paste soaps. Meets all requirements of the Dry Cleaner. Dissolves readily in cold solvent, rinses freely and leaves no odor.

"NU-WAY" FILTER SOAP for Pressure Filtration Systems. A pure vegetable oil potash liquid soap compounded with scientifically selected cleaning aids and controlled moisture. Filterable—is removed from solvent in the filtration operation. Provides for offsetting acidity from garments in dry cleaning process thereby eliminating odors. Carries added moisture if desired.

"FILTER-SOL" 100% soluble Filter Soap for use in petroleum or Synthetic Solvent Dry Cleaning with or without admixtures of moisture. Goes into emulsion immediately and stays in solution when added moisture is employed. Disperses moisture in solvent perfectly. Will not build pressure. Leaves no odor. Rinses quickly. No re-deposit of soil—no static.

"D-Y" NO. 100. A liquid dry cleaner for filtration methods of all types. Not a soap solution but a combination of newly discovered raw materials that develop highest ratings in soil removal with or without added moisture. No filter pressure.

For Synthetic Solvent

DAY-SOL CHLORINATED SOLVENT DRY CLEANING SOAP. For use in all types synthetic Solvent Dry Cleaning Equipment designed to properly use a soap or detergent. Distills perfectly. Will not foam in the still. Will not corrode metal surfaces.

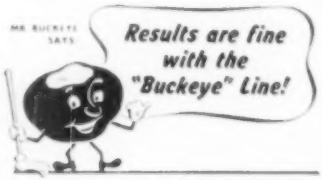
"AL-KLOR" LIQUID DRY CLEANING DETERGENT (Perchlorethylene, Trichlorethylene, Carbon-Tetrachloride). For use without moisture addition.

LAUNDRY SPECIALTIES

"BUCKEYE LIQUA-BREAK" improves any washing schedule. Economical and safe in break operation. Washing family, white and colored work. Also cotton, linen, palm beaches and summer wash suits, rugs and overalls. Assures quick penetration through immediate reduction of surface tension.

NEUTRA-LENE. A deodorant-neutralizer. Not just another liquid soap containing perfume. NEUTRA-LENE makes the job complete by removing the CAUSE of an odor in garments and at the same time permeates the fabric with a pleasant freshness. Eliminates smoke odors.

"DYSOLVO" SOAP removes ironed-in perspiration stains in soft collars, cuffs; grease, oil and rubber stains in linens. Linen supply concerns can reclaim 50% to 75% of the discarded towels, coats, aprons, etc., on account of spots and stains not removed by ordinary soaps.



"EX-SOIL-O," a scientific discovery for industrial laundry washing. Restores to service industrial garments (white and colored), greasy overalls, coveralls, uniforms, heavy soiled towels, aprons and coats, in the wash wheel without dry cleaning.

"BUCKEYE" LIQUID WET CLEANER, a concentrated neutral vegetable oil product of specially selected solvents, which develops unexcelled sudsing and lubricating action on saponification. For all types of Silks, Woolens, and Synthetic fabrics (Congo Cloth, Sharkskin, Palm Beach).

"VELVO" WET CLEANING SOAP—this commercial Coconut Oil Soap is for use in Dry Cleaning, Laundry and Rug Shampooing plants. Contains high anhydrous soap content—leaves fabric soft, clean and sweet. Dissolves easily, rinses quickly and thoroughly from fabric—leaves no odor.

"BUCKEYE" DY-SULPH
A Powder—Not a Soap
Synthetic Wet Cleaner

Lathers profusely. Detergency is unexcelled. Safe on color and fabric. For use in hard or soft water. Acid water where necessary to treat fugitive colors.

WET CLEANING SOAPS
For Silk and Wool Washing

"DYSCO" SILK AND WOOL SOAP, a pure neutral combination of selected vegetable oils and potash made expressly for silk and wool washing and wet cleaning over a formula adopted by textile experts.

RUG, CARPET AND UPHOLSTERY SHAMPOOS

"BUCKEYE" LIQUID RUG AND UPHOLSTERY SHAMPOO, a specially compounded vegetable oil base product containing a combination of five properly balanced raw materials, all having specific value for proper function in shampooing all types of rugs and upholstered furniture.

"RUG-O" CARPET SOAP is a neutral vegetable oil in paste form. "RUG-O" will not harm any fabric, but feeds the fibre, fluffs it, and brightens and revives the colors. Is a low titre soap and lathers in cold or lukewarm water.

SPOTTING SPECIALTIES

"BUCKEYE" PAINT, OIL AND GREASE REMOVER dissolves hardened surfaces, penetrates and releases stains caused by Paints, Varnish, Colored Varnishes, Shellac, Pitch, Road Oil, Hard Grease and Oils, some Inks, Blood, Albumin, and other obstinate spots. With added moisture if desired.

"BUCKEYE" PRE-SPOTTER is a concentrated pre-spotting and hand-brushing solution. Developed for use on Silks, Rayons, Celanese, and all delicate fabrics. With or without added moisture or with Buckeye Klor-Lene.

"BUCKEYE" KLOR-LENE is a spotting solution with chloroform action—safe on synthetic fabrics—unexcelled in fancy and finished spotting. Has exceptional evaporating and feathering out qualities. Can be mixed with Buckeye Pre-Spotter.

"BUCKEYE" WET SPOTTER, an all around Wet Spotter for use on fancy and dark spotting board or wet cleaning table. Dissolves and releases Blood, Albumin, Salad Oil, Coffee, Beer, Soft Drinks, Cream, Mustard, Gravy, and Food Spots.

"BUCKEYE" NEUTRAL STEAM SPOTTER is for use when penetrating neutral moisture action on perspiration or other water soluble stains is necessary.

GARMENT RETEXTURE AND WATER REPELLENCY

"BUCKEYE" RE-VI is a water-repellent and fabric retexture for use in petroleum solvent. Federal performance approval.

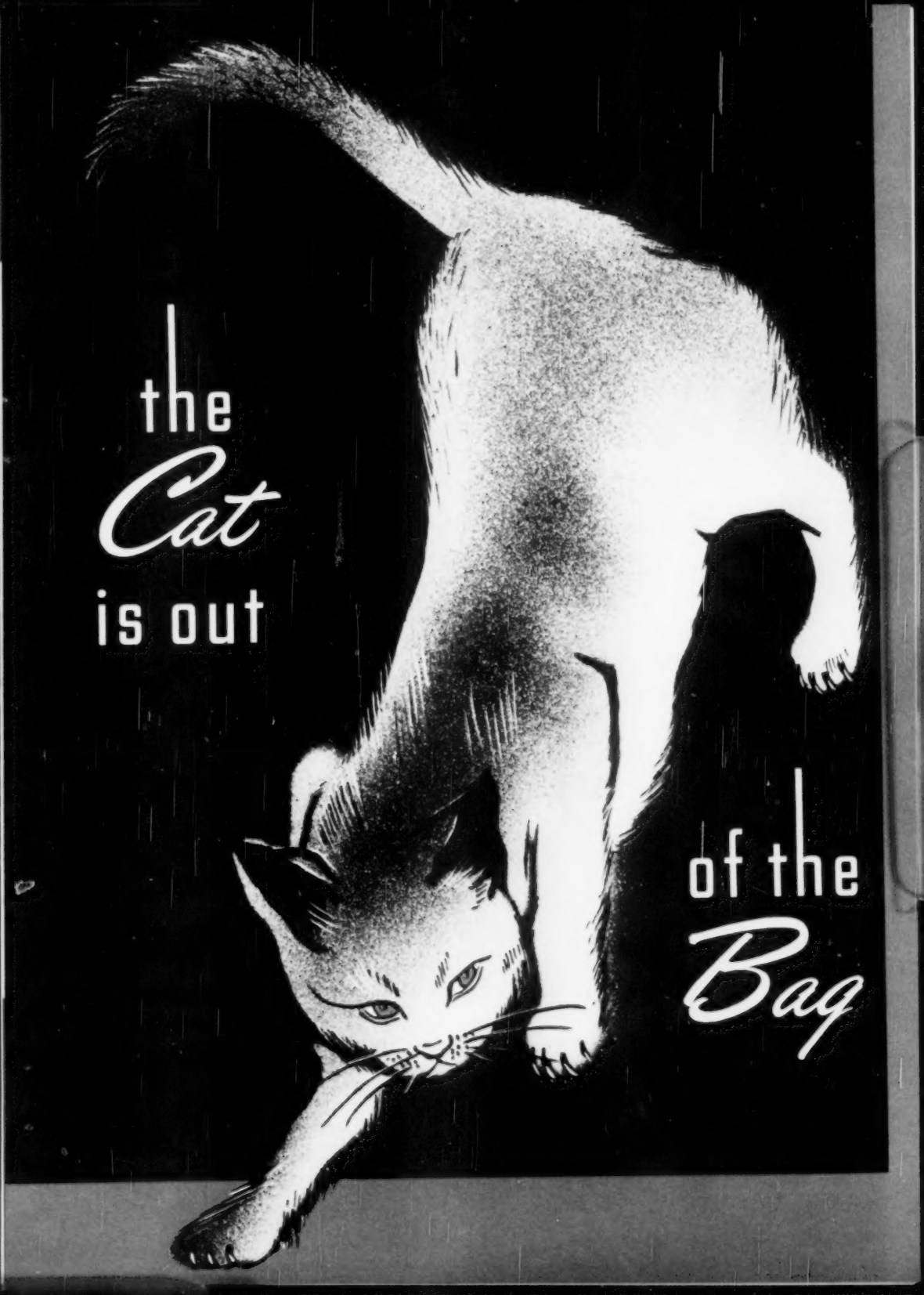
"BUCKEYE" SIZE is a water soluble size finish. A new distinctive product that can be used efficiently and economically in the restoration of natural luster, drape, life and resiliency on any color of silks, Celanese, woolens, linens, rayons, or marquisettes.

"BUCKEYE" SUEDE LEATHER DRESSING for refinishing suede, chamois, nap or smooth leathers. Used by spray method. In standard colors, neutral red, green, tan, chocolate, brown, blue, black and yellow.

THE DAVIES-YOUNG SOAP COMPANY

DAYTON, OHIO

When writing to advertisers please mention The NATIONAL CLEANER & DYER


the
Cat
is out
of the
Bag

You never saw a storage bag

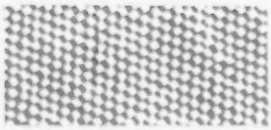
like this new MOTH SEAL with the

rich "tweed fabric" finish!

If you think all storage bags are pretty much alike, you have a real surprise in store for you. Take a look at this new development that we think is our very finest since we started specializing in this business many, many years ago.

A. R. Kohl

3 WAYS BETTER!

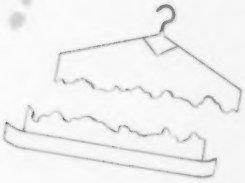


tweed fabric finish

Amazing, new printed design that so closely resembles expensive tweed fabric that you actually want to feel it. Beautiful in any closet.

patented transparent fade-proof WINDO

Keeps out the light, allows visibility of contents, stays in place, conforms to shape of filled bag. No other storage bag is made with a fade-proof window. A real improvement.



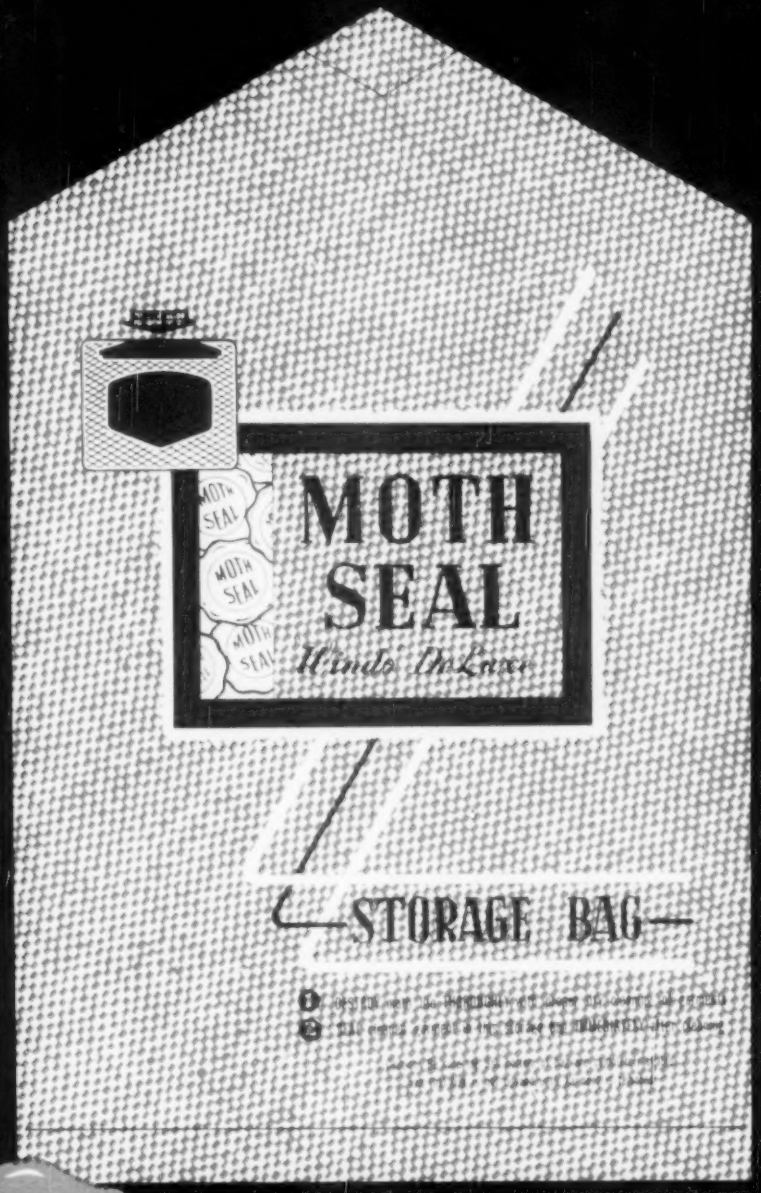
double sealed

Positive assurance against moth entry because of patented double seal locktops, double seal bottoms and tightly sealed seams.

WRITE FOR FREE SAMPLE!

Lincoln Bag Company, Inc.

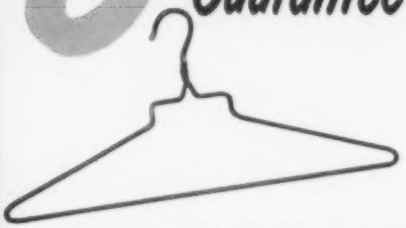
4200 WEST SCHUBERT AVENUE • CHICAGO 39, ILLINOIS



MOTH SEAL

...the most attractive, sales-promoting paper storage bag ever developed!

8 Para-Lux Packaging Helps Guarantee More Business and Good Will!



the original square top wire garment hanger

the collar support that "stays put"

NON SHIFT

The stronger, specially designed square top wire hanger that anchors the garment in properly centered position, protects careful finishing, helps retain proper shape at all times.

WING LOCK

Remarkable new collar support is quickly inserted inside the collar band to remain in positive, 4-way locked position. Unique design allows faster insertion and greater operator output.

TI-RAK

Die cut from fine quality heavyweight fibre board, holds 1 to 12 neckties by tension.

TI-BAG

Protective cover for Ti-Rak, of fine quality, heavy white kraft with 3-color printing effect.

BELT ZIP

Locks securely in place over the hanger hook to hold belts or neckties firmly in place without pins.

WING GARD

A new invention in garment hanger shields that eliminates hanger covers and tissue paper wrappers and pins.

TROUS GARD

Full size in snow white, clay coated board; slotted ends fit all standard size wire hangers. For better trouser and drapery delivery.

RAK GUIDE

Makes it easy to separate garments on racks, either alphabetically or numerically. Hang on racks just like garment hangers. Tough and durable.

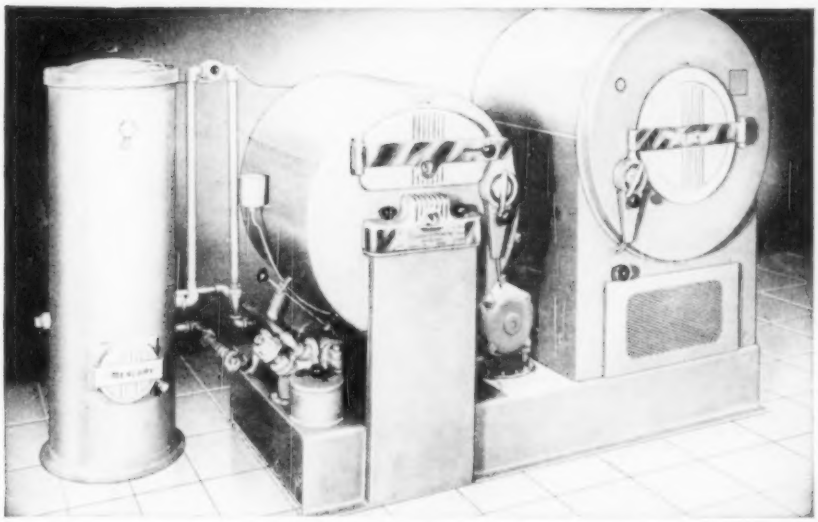
Teamed to serve you Better

PARA-LUX PRODUCTS COMPANY

LINCOLN BAG COMPANY, INC.

4158-4200 WEST SCHUBERT AVENUE • CHICAGO 39, ILLINOIS

OVER 2,700 PROFIT-PRODUCING MERCURY UNITS NOW IN USE!!



Mercury, the Modern Petroleum Dry Cleaning Unit. U. L. listed. Washer-Extractor, Tumbler, 1000 GPH Filter, Pump and Storage Tank in one complete system.

- Compact and convenient. Needs only 5 x 10 ft. space.
- No need to handle wet garments. Cleans and extracts in same cylinder.
- Easy to install. Delivered completely assembled with unions for filter connection.
- Totally closed and vented to the outside; eliminates odors and waste.
- Uses safe, low cost, 140° Flash Petroleum Solvent.

HANDLES $1,200 HIGH-QUALITY DRY CLEANING VOLUME PER WEEK! COMPLETE UNIT COSTS ONLY $2595.

F.O.B. FACTORY

Greater Production • Better Performance

Greater Capacity. Washer and tumbler are designed for 36-pound load. More volume—less effort.

Faster Drying. More than 50 complete air changes per minute. The Mercury dries faster and safer.

Shrinkage Control. Choice of 6 temperature ranges on the tumbler assures absolute shrinkage control on any type of load.

Simplified Controls. Time and motion are reduced by convenient controls combined in the door handles.

Mercury "Rapids" Filter. Standard equipment with unit, this 1000 GPH filter has free-flow, no-clog filter plates, and exclusive, easy-to-open cover.

Mercury Filters and Tumblers sold independently; jobber and salesman inquiries invited. Write for Descriptive Literature.

FASTER PRODUCTION WITH MERCURY TUMBLERS

Class 2 Tumbler. For use with Stoddard and low-flash, non U. L. listed solvents. Large fan, ¾ H.P. explosion-proof motor, full 24-inch explosion hatch. Meets all N.B.F.U. safety requirements.

U. L. Listed Tumbler. Available for additional capacity with any 140° F. petroleum unit. Same tumbler as supplied with regular Mercury system.

Laundry Tumbler. Same general design as dry-cleaning tumblers. 1000 cfm air movement gives faster, fluffier drying. Quick-action automatic door for speedier loading and unloading.

All Tumblers, 36 x 30 size.

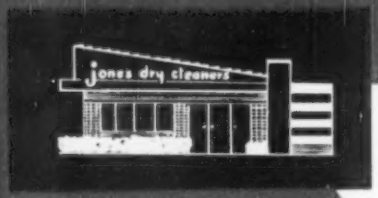
Booth 132 at NICD Convention March 12-15, Chicago.

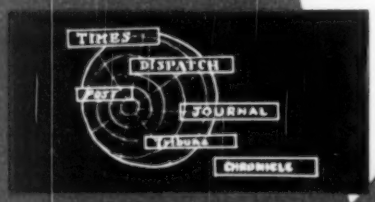
MERCURY CLEANING SYSTEMS, INC.

549 W. WASHINGTON BOULEVARD, CHICAGO 6, ILLINOIS • TELEPHONE AN dover 3-5420

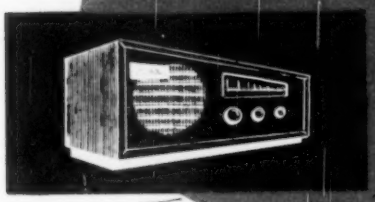
When writing to advertisers please mention The NATIONAL CLEANER & DYER

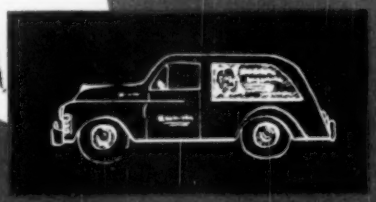
PLANNING FOR





SELLING





THE most important part of sales promotion is the least spectacular. It's what goes on behind the scenes—and in front of the scenes. The only way to identify it is through gossip, the gossip of your customers, the gossip of your employees, the gossip of your associates, and your own gossip.

That basic element of your sales promotion is your INTEGRITY!

How honest are you with yourself when you say you have the best quality, or the best price, or the best bargain in town? Do *you* believe it? Do your employees, your customers, your competitors, your jobber's salesman believe you? You can't fool all the people all the time!

Therefore the first step in sales promotion is to be frank with yourself and with everybody else. What are your good points? Quick service? Nice silk finishing? Pleasant place to work? These are the things you'll talk about when you're bragging. And whenever you brag you will see to it that you make good.

This respect for integrity means respect for you on the part of both employees and customers. And cynical employees can do you more harm than cynical customers and ex-customers, because the scoffing employee is continually breaking down your effectiveness and adding to your discredit both inside and outside of the plant.

Sour employee morale within the plant can be a very big rotten spot in the sales manager's apple because it is communicated to the outside employees and is also the basis for a running battle between production and sales departments.

Part of integrity is respect for the thing you sell—cleanliness. You should be as fanatical about cleanliness as a hospital. One of the toughest price competitors in the United States has his floors swept four times a day, the equipment dusted twice daily and the overhead cleaned out weekly. The plant is painted continually. Every employee is expected to be clean and neat at all times and they tell all their friends that Mr. Drycleaner is nuts, absolutely nuts about cleanliness. They're proud of it!

IN our editorial we said you must have a sales manager, even if he does half the other jobs around the plant. The sales manager must prepare himself for the job just as much as any production superintendent. He should spend time in the store and on the route. He should analyze methods, and experiment with and test sales techniques, never being satisfied. If he's ill at ease with strangers or women or before groups he should take active steps to overcome the handicap (try the Dale Carnegie speech course which is directed at obtaining poise rather than polish).

Above all he must program and budget his entire operation. A certain Midwestern drycleaner is running substantially ahead of last year, though his neighbors appear to be about even. We suggested he must be advertising more heavily, but he smiled and shook his head. "No," he said. "I felt we could make a few little improvements in the job we're doing. So I spent less on advertising and more on finishing touches to our quality. I can't sell something I'm not satisfied with!"

First part in a sales program is to see how much can be done to improve the product in quality, service or price. It is smart practice for a sales manager to draw up a list of those things that would make the product easier to sell. Then when he goes over each point with management and the production department, he is starting from the customer's viewpoint. He should

The man gets new idea—market writers

Gee, honey, we can charge all this to advertising expense!

Joe says we're the heart of his plan!

Rule 3. Sales Promotion: Establish definite objectives and direct all efforts toward each objective. Do not be diverted by minor obstacles

not expect production to be able to give him everything he wants, but even the wildest dreams can often be compromised into something that is more saleswortly.

The program should be made up a year in advance, should even be roughed out several years ahead. Certain objectives must be established and ways of attaining them planned. Perhaps the company wishes to increase average weekly volume $500. Broken down according to possibilities for increase by outlets, two stores might be figured good for $50 apiece, the drive-in plant store for $100, and two routes for $175 and $125 respectively.

His outlets may be scattered in a good-sized town so that he needs some citywide coverage but can't afford too much. He probably wants either a little newspaper space or radio time regularly but not excessively. Then he wants to build up mailing lists right around each of his outlets, because it is cheaper to increase their volume than to put in a new outlet. With these lists he may wish to "blitz" the two routes, and put a telephone solicitor onto the areas around the stores.

Because he is working for long-term objectives for each outlet it is essential that he budget his program and his money in advance, lest he divert his efforts for some sudden whim and overlook his objectives. Then as promotional ideas occur they can be determined in terms of which objectives will be aided and which hindered. An example might be to suddenly start plugging a location rug cleaning service very heavily, with the effect of diverting funds from building store and route volume just as their separate campaigns were beginning to take effect. While rug cleaning should be a good enterprise standing on its own merits, it will do little to aid the store business.

A sales manager should have all the sales promotion media available in his locality broken down as to cost per customer contact, and possibly per expected order. This should include costs for large and small quantities, complete coverage or partial. Then as he builds his budget for the coming year he can come pretty close to determining what it will take to hit his objectives.

In addition to the direct promotional costs, he must project for the year what it is going to cost to decorate store windows, to provide sales gimmicks for routemen and salesgirls, to set up bonuses for special campaigns. Finally he must prepare to tell all employees

"The way I see it, why should you pay for bills?"

"The boss has a new advertising medium."

in the plant what is going in the sales department, whether it is only signs on the bulletin board, or formal announcements complete with coffee and doughnuts. Included in the whole sales budget should be an unalloted figure for emergencies of 15 or 20 percent of the advertising budget.

MARKET surveys for the drycleaner's purposes can be based on statistics obtained from the local newspapers, chamber of commerce, telephone listings, auto registrations, etc. They will or can be broken down to show what approximate income people have in a given locality. Then by dividing the population into quarters by income, the potential of drycleaning can be determined in any given area.

Growth in a city is a gradual thing that we don't always appreciate, and unless a drycleaner annually makes an attempt to reappraise the market, he will miss out on developments until it is too late. At the same time the economic status of his first route can be steadily dropping without his knowledge, and he'll be prodding the poor routeman who is doing his darndest.

Incidentally, these drops in value are occurring rather rapidly in many cities today. As new and better housing goes up at higher cost, the wealthier people are moving wholesale from one section to another, and a backtide of middle-class people are moving in. In many cases the volume may still be there if the drycleaner recognizes it and allows for a change in the type of service demanded.

If a plantowner wants a typical door-to-door survey conducted to sample consumer opinion, he'd best go to the nearest university with a business or social studies department. He can usually get the professor at the head of the department to set up a survey on a basis of scientific sampling using students as investigators. The cleaner underwrites the project including a small fee per completed interview. Two years ago in a survey that included about twenty questions, one company obtained a good survey for about $500, including 750 interviews at 50 cents apiece.

Besides establishing the fact that a great many people would appreciate having a drive-in established, and finding out other likes and dislikes, the firm learned its position relative to the other major drycleaners in the city. It proposes now to repeat the survey every two years to keep tabs on its progress. # #

"What caused you to select our company for your drycleaning?"

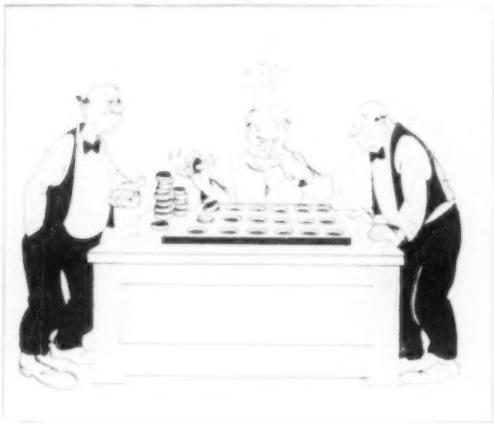
"We prefer institutional advertising."

SALES PERSONNEL

THE best sales promotion medium is always your routemen, your salesgirls, and your telephone operator if you give them half a chance. With poor performance on their part the rest of your program is almost entirely wasted.

For a drycleaner absorbed in production problems, particularly after long wartime concentration on that phase, it's not unnatural to feel resentful and reluctant to tackle the problem of building up a sales force. To the man who is not adept at handling people the challenge is panic provoking.

The most discouraging refrain in this industry is: "I can't get them to do it" or "the men didn't go for it." That means the sales department is running the boss. It also means that the boss hasn't learned that he'll get *more* gray hairs when the sales force has him on the run, than when he's running the sales force. This is true whether the force includes a hundred routemen or store girls, or only one high school girl part time.



Testing a Prerequisite

Running a sales force doesn't mean getting pig-headed about things. It only means operating "according to plan," which requires having a plan or a series of plans. First in the series would be scientific selection of new employees to upgrade the quality of the sales force. Testing for sales employees has proven the most accurate of any type of testing, accurate to a small percentage of error. There no longer is any excuse for overlooking this tool in the sales department.

Facilities for testing are now available practically anywhere. All universities and most major colleges can provide a testing service, because they are all eager to build case histories. The United States Employment Service has testing programs in many cities. There are many engineering firms competent to do your testing for a reasonable fee, among the better known being Stevenson, Jordan & Harrison, John Carruthers & Co., Personnel Laboratories, Psychological Corp., Dartnell Company, and Management Engineering Council. There are others who will be glad to provide references on request. Graduates of the NICD's management course have a testing service available that they can interpret. A "reasonable fee" will range from $5 per testee on up, depending on the complexity of the test and the number of persons tested. Tests for salesgirls and routemen are comparatively inexpensive, store and route supervisors cost slightly more, and sales managers come fairly high.

We have already discussed budgeting and planning the sales program for the long haul. We editorialized on the vital, urgent, unavoidable necessity for someone to be *actively* in charge of sales, even if the small operator has to figuratively split himself three ways to do it.

Selling is an inspirational game. You can't push a sales force. You have to pull it, bait it, keep springing something new, keep nudging it out of that comfortable little rut we all like to get into. To do this the sales manager and his supervisors must keep out of that rut themselves. Have a schedule planned a year ahead with monthly or even weekly deadlines for crawling out of your latest rut and driving at the target from a new angle.

"In Person" Appeal

It is axiomatic to sales promotion that you can't make many sales unless you "ask for the business." Personal contact is the only medium in which you are sure of your prospect's undivided attention. It is the most effective medium for displaying examples of work. It is the only medium in which you can discover the obstacles facing you and adapt your approach accordingly. It is the best and most effective means of

overcoming a prospect's inertia, when she has reached the point of willingness but not of taking action. It's a rifle instead of a shotgun!

There is no point in repeating here the many pages in the December 1947 Guidebook issue of The NATIONAL CLEANER & DYER devoted to the subject of hiring and training sales employees. Do *you* have a program for training and retraining every man and woman in your sales organization, even if it is only one man or woman? At a recent state convention that question was asked from the platform, and out of the 150 plants represented only three owners felt they could honestly raise their hands.

Yet a drycleaner in the Pacific Northwest when completely reorganizing his business after the war decided on a sound training program. He finally got under way just a shade over two years ago. He doubled his volume the first year, and increased it by another 35 percent last year! He says now he'd be afraid to do without it! ★ ★

SOLICITORS AND BLOCKBUSTERS

THE secret of successful door-to-door solicitation is careful and complete preparation, together with persistent, methodical follow-through. It therefore pays best on a long-term basis which justifies the cost of preparation. Nor should any more solicitations be made than can be followed up consistently.

A couple days before the solicitation is made a card is dropped in the prospect's mailbox, stating that Mr. Smith or Miss Kelly of Blank Cleaners will call to make an interesting offer or tell about a special service. It will also give the approximate time of the call. These may be either mailed out in advance, or distributed at the end of a day's solicitation in another block. To add the personal touch a routeman used to bribe the grocery delivery boy to give him the names of homeowners as he needed them, both for addressing his preparatory notes and to enable him to ask for the prospect by name.

The persons doing the canvassing ought to be trained carefully beforehand to have all necessary information they may need. Before going into the field they should have considerable practice, and they should have reviews and pep talks frequently.

They ought to have something to offer or to show the customer. It may be a discount on the first order as a trial offer. It might be sweaters in cellophane to show her, or a before-and-after exhibit with a two-piece lady's suit. Something should be left with the prospect whether she gives an order or not. If a trial offer is made, a book of discount coupons could be used. Calendars, pencils, kitchen memo pads, telephone pads, pot holders, recipes, household hints, etc., all help keep the contact fresh.

A new customer should receive a thank-you note immediately. A prospect should be thanked by mail for giving her time to the interview, and should be followed up at least twice with direct-mail pieces.

As full time solicitors, women appear to be the most acceptable to housewives. They should be neatly but not too fashionably dressed, since the lady of the house isn't always at her best when interviewed and might otherwise be embarrassed. One laundryowner has his girls wear neat slack outfits when calling in middle-class neighborhoods.

The Neighborly Touch

Schoolteachers can be persuaded to pick up extra money in summers and vacations by canvassing. The cleaner's own store girls can put in some time that way in slack seasons. In fact, the "neighborliness" of a store can be stressed by having the store manager canvass the blocks in walking distance to "get acquainted."

The dramatic way of canvassing, of course, is "blitzing" or "blockbusting." It has the considerable advantage of enthusiasm from teamwork, supervision and visible results in a hurry. When you're spending money to open up or build up a route, you might as well do it this way in a hurry and get on a profitable basis as soon as possible.

The preparation and follow-up are similar and just as careful. The technique is to drive into a "prepared" block with a fleet of trucks and approach homes on both sides of the street at once with every man and woman you can spare. There should be bonuses for the biggest orders, the largest number of orders, the greatest volume. The group should be in two teams competing against each other with dinners or merchandise at stake. There should also be prizes for the all-important follow-up orders.

For the comfort of the little fellow this can be done with two drivers as well as twenty, or even one driver and his boss. *The important thing is the preparation and the follow-up.* Sow the seed carefully, and don't bite off more than you can chew thoroughly! ★ ★

"The boss said to spend the afternoon canvassing."

TELEPHONE SOLICITING

ONE of the best telephone solicitation programs we heard of is by a drycleaner who works the society page of a fair sized Southern city to a fare-thee-well. The guests at society functions are always listed in the paper the next day, and before nightfall they receive a phone call to ask if they wish the gown or suit worn the previous night to be freshened up for the next occasion. It's surprising how many times the answer is "Well, I wasn't going to because it didn't get mussed up, but I guess you might just as well."

Selling paid repairs, water repellents, mothproofing and storage over the telephone has proven very effective when the garment is already in the plant. This has been done variously by regular telephone operators, special operators, markers, inspectors, seamstresses, store girls, floor supervisors, clerks and bookkeepers. Also, the boss's wife! It is quite practical for everybody to make calls in spare time, providing there are phones enough and sufficient control to cover all prospects without duplicating calls. However, the regular line should not be kept busy with solicitations, when customers might become discouraged by busy signals.

Solicitation lists can be made up in the same fashion as for direct mail and from the same sources. Many drycleaners shy away from solicitation by phone because of poor initial response, or because of fancied irritation on the part of customers. They forget that the chances of irritation are just as great when a routeman punches a doorbell. On the other hand a woman with a pleasant voice and sound sales technique will get her story heard a little more easily than a man with twenty more stops hanging over him. (The technique of telephone selling and the hiring and training of telephone solicitors is discussed at length in the December 1947 Guidebook issue of The National Cleaner & Dyer.)

Saturation and repetition are two basic rules in this method of sales promotion. Saturation means putting all your calls into areas where they do you the most good. You should concentrate in areas nearest the plant to reduce mileage on the routes. You should build the weak routes, or if you have a route ready to split, start plugging where you'll need fill-ins on the new routes.

"Who said telephone soliciting was easy?"

It pays to repeat calls to the same people, providing you give your operator some specials or features to work with. The follow-up calls on prospects are easier since the prospect knows what the score is from the start. Nor do they have to be price specials. Requests for off-season work are reason enough for a telephone call.

At this point, we'd like to take another swing at a vicious piece of negative thinking current in sales circles. They say you make the little lady mad when she has to climb up from the washing machine in the cellar to answer the phone. We believe that for every gal that's mad there are two who are glad of an excuse to leave the darn machine for a few minutes. Did you ever try to shut one off after she got started (we mean the gal, not the washing machine)? ■ ■

NEWSPAPER ADVERTISING

MORE miles of "expert" advice have been written about newspaper advertising than any other sales promotion medium. There probably are more prejudices and superstitions about newspaper advertising, or perhaps they are more deeply rooted because this form of merchandising is the oldest and most widespread. Yet there is no rule for successful newspaper advertising that isn't broken a thousand times a day, with the happiest of results, and there is many a flawless masterpiece that fades away unmourned. Any advertising man who has moved from one city to another of similar size and makeup will admit that the market is never the same in both. You've just got to experiment, or seek experienced advice in your town (which might be prejudiced, also).

Having carefully covered ourselves, we'll proceed to

suggest some rules. First, as said before, a year's program should be laid out in advance. Plan to take some space in the papers consistently. Once a week keeps reminding readers. Twice or more and they'll remember you well.

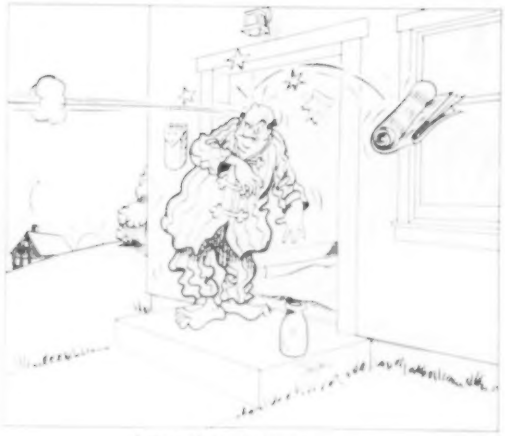
Identify your advertisements. Two or three parts of it should be distinctive, such as your signature or logotype, trademark, telephone number, motto, the framing of the ad, a personalized character cartoon. These familiar parts may vary in size and location but they must always be the same in appearance.

With this identity you need not dominate the page with space because the reader makes a mental check mark of recognition even when scanning through a paper rapidly. A good size advertisement for flexibility and drawing power seems to be about three columns wide and six inches deep. This can be confirmed by studying department store and speciality shop advertising in your local paper.

Make the messages newsworthy. There should be some little bit of information about yourself, or the weather, or new fashions that may pique the readers' attention. All copy should stress benefits to the reader. The story should be brief, but complete. The theme should be repeated frequently but always with a different angle. It should be enthusiastic and positive. Rather than bluntly scare people with moth damage, assure them that you can protect them from moth damage. Take advantage of every possible tie-in from Community Chest drives to Boy Scout week, but try to give it an individual or unusual twist.

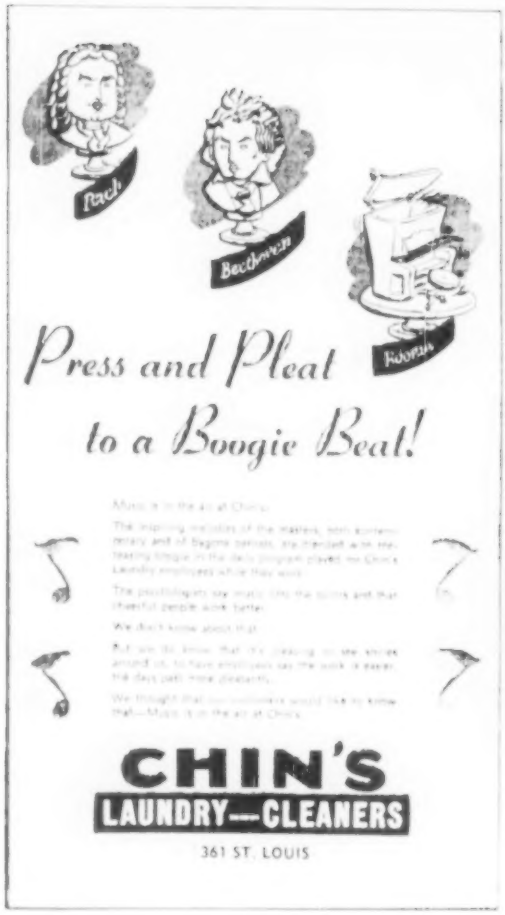
You or your agency must study the paper's circulation breakdowns carefully to determine which pays best in terms of cost per reader, also to determine how much they cover the market you are interested in. You should estimate cost in terms of number of readers in your market only, regardless of the remaining circulation. Evening and Sunday papers usually have the largest circulation and cost the most per advertisement. They are followed in order by the morning papers, by shopping guides, then by weeklies, sectionals, and foreign language papers, and finally by organizational papers such as union, college and fraternal publications.

Payment is not generally by the ad but by the number of *agate lines* or inches, an agate line being column width of two inches and 1/14 inch deep, so that there are 14 lines to the inch. In buying space over a year it is advisable to watch your total lineage carefully.



Impact of newspaper advertising

Above: New angle by quick-service chain of small plants in Columbus, Ohio. Ideas like this come only when subconscious mind is always seeking them no matter what person is involved in at any particular time. Below: Simple, compelling quarter-page ad from Tucson, Arizona, would be effective in almost any size. This is particularly true when rest of page is cluttered with solid advertising. If other ads tend to white space, a solid or heavy ad would be preferable for getting notice.



Above: In St. Louis, Missouri, installation of music during working hours was seized on as new theme for the firm's publicity.

Above right: This offensive-specials advertisement was run in July by the aggressive Milwaukee, Wisconsin, firm, helped substantially to hold up volume during that month.

Left: Lightheartedness of Washington, D. C., advertising by Arcade Sunshine Laundry and Cleaners has been extremely successful in stimulating both fan mail and sales volume.

for reduced rates are given for quantity purchases of space. It may actually be cheaper to buy a little additional space and move up into a bracket costing, say two cents a line, as against two and a half cents a line. *Short rate* is the extra amount charged when you fall short of the space contracted for (at a *contract rate* at the beginning of the year) and have not earned the quantity price. *Earned rate* is the rate you have earned by the amount of space used over the year. When you enter a higher bracket you are entitled to a refund or credit for the difference between the earned rate and the rate previously paid throughout the year.

Till forbid means authorizing the paper to repeat an ad continuously at specified intervals until instructed otherwise. *Keying* an advertisement is inserting something to tell how well it is pulling, such as a special telephone number, a department number or special person or separate street address. Such keying, however, never measures the repetitive institutional effect of advertising. When an ad does seem to pull heavily it is still hard to determine how much was due to previous consistent displays that helped build up to the keyed ad.

Further comment is reserved for the captions to the newspaper advertisements reprinted here from all over the country. # #

DIRECT MAIL

EVERYBODY can tell somebody else how to use direct mail sales promotion, but when it comes down to performance the horse changes color!

Sometimes the results are unsatisfactory because the drycleaner expected waves of orders from an institutional piece that didn't come right out and ask for business with an appeal to the prospect's personal interests. But in a majority of cases the drycleaner's mailing list is at fault. Just having *a* list is no guaranty of results without an effort to build and maintain that list.

The better than average plant still has a customer turnover of 30 percent per year, of which 10 or 12 percent represent deaths, people who moved, or deadbeats. If a plantowner didn't clean up his list for two years, his mailings should be 20 percent less effective at least, and if the "quits" are really mad at him the lists could be considered 50 percent deadwood. If the list hasn't been combed for duplications we can add another 5 or 10 percent.

Incorrect names and addresses (direct mail houses find 20 percent of most lists have incorrect spelling, initials, or titles) reduce esteem for the advertiser on the part of prospects. A method for correcting this is to offer a special by mail and ask the recipient if the name and address are spelled correctly "so she won't fail to hear about future bargains."

Sources for lists are many. Their quality depends on the determination to make up the best possible list. For this reason routemen and salesgirls (particularly if the latter are on incentives) obtain the best and most accurate names. If the men were required to bring in 10 new names a day for a year it would give a list of 2,500 names per route, which is a very healthy list to work from.

Those store operations that make a practice of asking customers' full names and addresses find practically no customer resistance. This makes an ideal opportunity to overcome the store's inability to get to the customer *before* she leaves the house with her bundle.

Incidentally, one 20-store business has been quite successful in creating interest in itself and its personnel by sending out letters asking for frank criticisms or praise for its various salesgirls (could work with routemen, too). The girls always wore carnations, usually white. But if a girl was criticized for discourtesy she wore a red carnation for a day or two. The girls were mighty careful, and on the rare occasions that red carnations appeared, commendatory letters arrived almost immediately to restore the guilty one to good grace. A sign in each store read, "We want *white* carnations!" making it necessary for the girls to explain to everybody what it meant. Very few harsh letters have ever been received. Most of them were apologetic and "just wanted to point out—" etc.

Other sources of mailing lists are telephone books, city directories, professional mailing list bureaus, auto license bureaus, credit bureaus, club and professional rosters, school enrollment lists, and customers. Customers can be induced to recommend neighbors and friends by offering bargains for themselves and for those friends. Fees can be paid into club, society or association treasuries for each name provided, or in larger amounts for every name that produces a sale. Other cleaners have made lists with coupon discounts when the coupon is filled in with the name of a prospect.

Direct mail is not as cheap per reader as newspapers, billboards and bus cards, but properly used is more flexible, more direct and effective. Postcard mailings run three to five cents per reader, letters average seven to ten cents each, and on fancier mailings the sky's the limit. Before preparing a mailing it is well to check with the post office on the cheapest way to handle the particular mailing.

Unless the mailing piece is quite stiff it shouldn't be any larger than the standard sized business envelope (#10) because larger ones get folded or bent when stuffed into the mailboxes or slots. However, odd shapes add incentive to get the envelopes opened. Colors for either envelope or printing increase attraction. Unless the envelope is formal, a "teaser" printed on the outside helps open it. A teaser such as "Look at your husband's hat!" or "Have you any triplets?" (latter for bargain on three of a kind).

The middle of the week is the best time to avoid heavy mail days, but not the first, the fifteenth, or on holidays. A cheap mailing piece well and neatly done beats a fancy job messily done. The copy is always brief, clear enough for a twelve-year-old to understand, and offers something for the reader's benefit, even if it's only the "bright new look."

Inspirations for "institutional" copy happen in the plant every day. There are many skills or operations customers and prospects might be interested in, *if explained in terms of benefits.* The NICD has an excellent series of leaflets directed at consumer education by Dr. Dorothy S. Lyle.

Dozens of special occasions arise for individual mailings, such as weddings, housewarmings, large parties

Direct mail

and ceremonies. These are the occasions when the cleaner can ask for specific things, from evening and wedding gowns to skating outfits and fancy costumes. One plantowner sends cards to customers from the national conventions telling how he's learning the latest methods. Many do likewise when they or their employees graduate from the NICD technical, management or special courses. Several plants use NICD fabric bulletins for mailing themes.

Direct mail is needed in softening the ground before a canvassing job, and also as a follow-up with "thank you" notes. Many Christmas card mailings are made, but some fellows like to avoid the crowd and send New Year's mailings instead. Figuring they represent the best prospects, one drycleaner sends specially slanted letters to the professional men in town, the lawyers, doctors, insurance men, etc. (from classified directory).

As a last confidential (?) note, you don't have to hand address the majority of the mailings any more (only the formal invitation type). Regardless of Emily Post, the typewritten personal letter is so common now that people take it for granted. # #

CUSTOMER CONTROL

NOT in itself a selling medium, customer control provides the fundamental information on which other selling methods are based, particularly direct mail and route solicitation. The somewhat forbidding term "customer control" actually means knowing who your customers are and what kind of customers they are. Especially in a time of shrinking profits and swelling costs, an efficient system of customer control is an essential for any size or type of plant in cutting customer turnover, exploiting its best source of added business—its own customers, and reducing sales-promotion expenses.

A customer control may be simply a list of all the firm's customers with their addresses. Its usefulness is increased by such additional information as frequency and size of orders; what services have been used, whether cash-and-carry, route delivery, charge, complaints or claims and what disposition has been made of them; what mailings have been sent. Ordinarily the names are separated into active and inactive files, for different types of follow-up.

The customer control list may be kept in any convenient form, usually on index cards filed alphabetically by name or by street address. It may also be subdivided by routes or stores. Filing by street address keeps a record of the stop rather than the family and prevents loss when the family moves.

Some method is used to indicate the dates of orders, such as colored tabs or clips on the index cards. The absence or presence of a tab of a certain color will show how long it has been since a customer has sent in an order and appropriate action can be taken. Entries in pencils or ink of different colors may be used to indicate what services have been used, showing what unused services should be promoted to that customer. A code system of letters and/or colors will save space on the cards. Frequently the back of the card is used for a claim record.

A check of the cards at monthly or other fixed intervals will provide the information for follow-up, either by direct mail or by routemen, possibly by telephone. The type of follow-up depends on the data shown on the card. If, for example, it shows that a customer who previously sent in an order every week or every other week has not been heard from for a month or two, he is in line for a letter or call to find out why, to see if there is any cause of complaint or dissatisfaction. If the card shows that a customer has not used certain sideline services, he should receive information about those services. If a card records a series of frequent, unjusti-

Sample of special 3 x 5 punch form used for customer control system of Superb Cleaning Service of Council Bluffs, Iowa. Note credit rating top left; check to show gift service is used. Other code marks are: red check for customer to call (called red check when call has been made and reported); green check for mailing of blotter to new customer; blue check for blotter to regular customer, each with appropriate copy. "CAL" is for calendar mailing; "W" for one of five special gifts sent monthly to top volume customers.

fied claims, it may be desirable to omit follow-up in the hope of losing an unprofitable customer.

The initial setting up of a customer control system requires planning but is neither difficult nor necessarily costly. The plantowner or manager, consulting with the bookkeeper and sales manager, if any, should decide what information is to be included and how it is to be indicated. Supplies may be as simple as standard ruled index cards, 4 by 6 or 5 by 8, with alphabetical separators and files to hold them, all available at any commercial stationer's. They may be blocked off in weeks and months to serve for a full year's entries, and they may be printed to specifications, if desired. Larger plants may wish to go into more complicated filing systems such as revolving Kardex files, Wheeldex systems or the McBee cards, which are, of course, considerably more expensive. The plantowner may consult with office supply firms on the various types of filing systems available. The cost of the actual installation will depend on the type of filing system and equipment, plus the initial typing of the cards.

The next step is to make out the cards. Names and addresses of regular customers are available from invoices. In resort communities where there is a great deal of transient trade, names coming from hotels or tourist camps may be eliminated.

A strict routine should be established for making entries. From the daily route sheets and from office carbons of cash-and-carry invoices, a clerk can enter on the cards orders received, number of pieces, nature, and any other desired data. Once the routine is set up, the maintenance of the system, including daily entries and monthly checks, should require only an hour or so daily of a clerk's time, depending on the size of the master list.

As new customers come in from whatever source, a card should automatically be made out for each. As prospects become customers, they are added to the customer control file. Cards are changed from active to inactive files or vice versa after appropriate intervals.

The sales department takes over the preparation of follow-up mailings, decides when and under what circumstances they are to be sent, and the corresponding procedure for routemen. Most of the mailing can be done as a matter of routine by the clerk handling the file. For example, a thank-you letter can be mailed promptly upon receipt of an order from a new customer, or at stated intervals to regular customers. Or, the first follow-up letter of a series may be sent when a card has not shown a certain colored tab, indicating an order, for a specified period, with the remainder of the series at specific intervals if there is no response to the first.

Obviously, a customer control system is valuable only to the extent to which it is used. Kept up consistently, with regular follow-up according to an established routine, it should be an extremely valuable tool for turning new customers and irregular customers into regular customers, for increasing the size and frequency of the average order, for letting the customers know that the firm appreciates their patronage and is eager to satisfy them.

A careful analysis of the cards by management will also show what services need promotion, what salespeople need help, and where the plant may be falling down in the productive departments.

It is far better to keep a small control system up to date and very active than to maintain a large system that is always a week to three months behind. Control information of any kind loses value in direct ratio to the length of time before it is available. Therefore, it is wiser to keep up to date on a small group, such as charge customers or sour routes or the section of town nearest the plant, than to paddle with an over-all system that operates lamely. ■ ■

RADIO

DRYCLEANING is a personal service business, radio is a personal selling medium. It is one of the most effective media, for a variety of reasons including the direct personal appeal of the human voice, the wide coverage, the fact that it is easier for the average person to listen than to read, that the radio is always available and usually turned on, that it is flexible in type, time and frequency of program.

A drycleaner running any size operation drawing any type of customers can use properly selected radio advertising. While it can be successful in a large city, it is rather more practical for the drycleaner in a small or relatively small town, partly because of more concentrated coverage but largely because the price is so much lower. It reaches every member of the population—customer, prospect or ex-customer—who has a radio, and who hasn't? It can be used for a direct sales appeal, on regular services or specials, or as institutional, educational or goodwill promotion.

Although broadcasts advertising some "special" or promoting some sideline will draw immediate returns, the general appeal is long-range. This is particularly true of this medium because radio listening is a habit. Radio advertising must be kept up over a long period to be effective. It takes time to form the habit of listening regularly to a certain program.

In planning a radio program the drycleaner must consider many factors. From the radio stations available he should learn their coverage—in area and population. The widest coverage is not necessarily most advantageous for a drycleaning business which cannot extend its routes indefinitely. Therefore, the most intensive coverage within the immediate market area, which might be furnished by a small local station rather than a large network station, would be preferable.

The type of listener the cleaner wants to reach has a close relation to the time of broadcast he chooses and the kind of program he presents. Since most of his customers are housewives, he might do better to use day time at smaller cost than the more expensive evening time. Whether he uses 15-minute programs or spot announcements and how frequently he uses them will probably be mainly determined by his budget.

In choosing the type of program, again a great many

factors must be considered. First, what type of business does the cleaner run? Are his customers in the higher-income brackets or the working class of a factory town? He should base his choice not on his own tastes but on the listening habits of the people who are his customers. This information, based on market surveys, is available from the radio station. The most famous story in radio advertising lore is that of the manufacturer who was selling his product like mad with a jive program until his wife made him change to chamber music—and he lost his business.

Another point to be given major consideration is the sales objective of the program. If it is goodwill building, a 15-minute program of general interest with the cleaner's name as sponsor would serve the purpose and establish prestige. If it is to promote special services or fill in off-season slumps, spot announcements with copy suited to each occasion would do a better job. Spot announcements, also, are more flexible in that the number used can be easily increased, starting with as few as two a day. If spots are used, it is desirable to have them come before and after programs popular with the type of audience the cleaner wishes to reach.

Type of Program

The choice of programs depends to some extent on whether the cleaner wishes to put on his own show or to sponsor in his city one of the nationally known network programs. The latter, particularly on a small station, is likely to be less expensive and has the appeal of well-known names. The former can be more easily adapted to the interests of the cleaner's community and business.

If the cleaner decides to sponsor locally a network program, based on the listening preferences of the group he wishes to reach he has a wide choice of news or news comment, music, drama, quizzes, breakfast chats and all the other familiar shows. He has a choice of a 10-minute, 15-minute or half-hour program, once to five times a week, with the costs proportionate. His name with a brief advertising message appears at least twice, at the beginning and end of the program, sometimes oftener in longer broadcasts.

For drycleaners who prefer to present their own programs, many different types have proved effective. The audience-participation or quiz show is still appealing, with prizes either of free cleaning or of articles donated by local merchants in return for mention of their name or a combination of both.

A drycleaner in a college town uses a home-talent show drawn from the college and featuring students and professors in a quiz. Questions on quiz programs may be on general subjects, local points of interest, home-making problems including those relating to drycleaning. A highly successful program staged by a Texas cleaner features a "sportscast" presenting only activities of local teams of all kinds, including high school and college sports during the seasons. The program is jammed with names of local people, including companies sponsoring teams. Activities other than sports could be used for this type of program which has strong local appeal. Some cleaners who use spot announcements devote some of them to matters of community interest, such as fund drives, with only one mention of the firm name.

In some localities associations or groups of drycleaners have staged cooperative broadcasts, frequently of an educational nature, with resulting decrease in costs for each participant.

One advantage of broadcasts staged over a local station is the possibility of inviting studio audiences. Audience-participation shows are especially popular. Tickets may be distributed over the counter, by routemen, at schools or clubs; they should be given to everyone, whether or not a customer of the advertiser.

Whatever the type of program chosen, coodination with other media is especially important. Newspaper, direct mail, package inserts, car cards can all be used to tell people to listen to the firm's program, on what station and what time. In return, the radio advertising may call attention to an ad to appear in the next day's paper announcing some special event.

The copy used, whether for spot announcements or the commercials in a longer program, should embody certain principles. It must, necessarily, be short. It should mention the firm name and address at least twice, to impress it on the listener, but not so often as to disgust him. It must be truthful and sincere, must sound spontaneous and natural—the way a human being would talk, not an announcer. Whether it plugs the regular service or some special, it should point out the interest of the offer to the listener, not the advertiser, with force and in sufficient detail but with no exaggerated or implausible claims. There should be a stimulus to direct action.

The preparation of radio copy, even for spot announcements, is almost always a job for a professional. Unless the drycleaner employs an advertising agency, he should use the services of the radio station staff, both for preparing a presentation and writing copy. The drycleaner will provide the subject matter for the copy and approve it in its final form.

One person in the plant should have charge of radio advertising—the plantowner, his sales manager or whoever handles sales promotion. This person will work closely with the station and arrange for coordination of the radio program with other media.

How Much?

The important question of costs is one of those "it depends" matters. Radio costs are based on station power and population coverage, which explains why the same program may be bought for so much less from a local station in a small town than from a powerful big-city station. The price of a locally sponsored 15-minute network program may vary from as little as $3 to several hundreds. As an example, an advertiser over a 250-watt local station with a coverage of 33,000 listeners spent $7 for a broadcast that would have cost $175 over a 50,000-watt station in New York City. The popularity of the program also affects the price, as well as the time of day or evening.

The best course for the drycleaner planning a radio program might, therefore, be to figure how much he can afford or wants to spend and then see what he can get for it, after checking to see which available station will give him the best coverage and service. Rates are lower in proportion to the length of the contract, which is usually for 13, 26 or 52 weeks. It is both possible and advisable to sign a 13-week contract with option to renew for the remainder of 52 weeks, in which case the advertiser would get the benefit of the 52-week rate.

While the returns from consistent radio advertising are cumulative and long-range, it is possible to evaluate them fairly easily when some special is advertised. One drycleaner, for example, advertised a blanket special on the radio only. By figuring his profits on blankets the week before and the week after the broadcast and subtracting the cost of the program, he was able to learn the increase—which pleased him by being very substantial. ★ ★

TELEVISION

THE newest advertising medium shows, according to surveys, greater sales production impact per person reached than any other medium. Television combines the visual impact of newspapers and magazines, the oral persuasion of radio, and in addition makes product or process demonstration possible. Television reaches all segments of the population, since sets are being sold on all income levels, and it has the advantage of novelty.

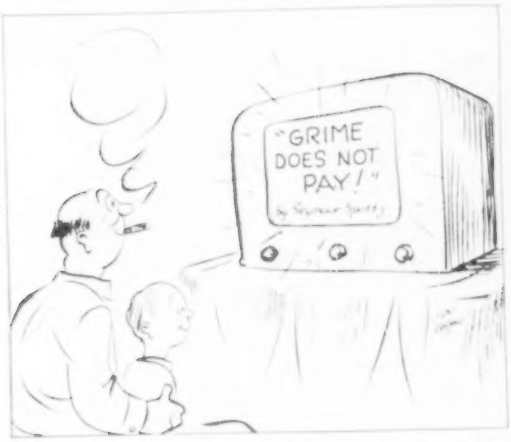
However, there are quite a few things wrong with television, particularly from the standpoint of a small advertiser like the drycleaner. First, of course, is cost, which at present is almost prohibitive. Second is limited coverage, which at this time is almost exclusively metropolitan. In addition, television networks by no means cover every section of the country. Because of high costs, network operation is practically essential. A third disadvantage is the limited number of sets in use. While the number is growing rapidly, at the end of 1949 it was still below the two-million mark.

Other disadvantages are the lack of good programs, and excessive production costs. In addition to time charges, the advertiser must pay for studio rehearsal time, if any, and production expenses. Advertisers who have used television report that costs are high in relation to results as compared to radio.

A High-Priced Medium

While costs vary so widely as to make it almost impossible to estimate them, a few examples may give an idea. Time charges alone for a 5-minute telecast on one large network range from $375 in New York City to $35.70 in Erie, Pennsylvania. This does not include program and production costs. A single film release made especially for television may cost $2,500. The showing of an old film, one of the most inexpensive types of program, will cost $75 per hour in a small town, several hundred dollars in a larger town. Costs are constantly going up; on the other hand, as more sets are installed, cost per viewer is going down.

So far, about the only use of television feasible for the small advertiser is the very short spot announcement. These are available in slides, costing from $15 to $250, at varying prices in silent film with an announcer giving the message, from $250 to $1,000 for a film with dubbed-in voice, up to $1,200 to $10,000 for a sound film and about the same for an animated film.



This medium is so new that we have no detailed reports of actual use by drycleaners. However, the experience of a laundryowner in Saratoga, New York, is interesting. He has used 20-second spot announcements over a Schenectady station, costing $50 each. A spot includes two stills, each shown about 10 seconds. Subjects are the plant front with lined-up trucks, a weary housewife ironing, stacks of finished work at the laundry. The spoken copy is confined to about 35 words.

This laundryowner, a television enthusiast personally and as an advertiser, is satisfied with results and plans to continue or expand his use of the medium. It should be noted, nevertheless, that while his volume has increased, the firm also conducts a vigorous sales campaign in other media.

CLASSIFIED DIRECTORY

A PROMOTION medium that reaches the prospect who is voluntarily ready to buy, and only wants to know where to go, is the classified section of the telephone directory. While it is most useful in medium-size and large cities with numbers of drycleaners, it is valuable even in small communities as a means of enabling a prospect to locate a telephone number or address quickly. The classified listing reaches every telephone subscriber, who normally has it available at all times.

Potential prospects from classified listings include nine out of ten telephone users, according to market surveys. A recent survey in Metropolitan New York showed that 94 percent of residential telephone sub-

Display ads in classified section offer space for illustrations, selling copy, slogans and trademarks, as well as other information given in smaller ads. Note that this ad makes use of all possibilities, stressing fast service, free delivery, types of work done, and giving phone number in conspicuous large figures. "Nr. 5th Ave." clarifies location for potential cash-and-carry customers. Copy also points up business is long established. Note also solicitation of office work; survey shows 95 percent of business firms regularly use classified listings as against 93 percent home users

ANTOINETTE CLEANERS & DYERS
ESTABLISHED 1914
CUSTOM
Cleaners & Sample Dyers
OF
• GARMENTS
• RUGS
• DRAPERIES
• CURTAINS
Gowns Spot Cleaned
Pick-up and Delivery Service
BUtterfield 8-3792

SNOW WHITE CLEANERS
3 Hour & Same Day Service
Suits Pressed While You Wait
We Call & Deliver
MOuntain 2-5732

Informational classified directory listings in two different sizes. These are used to focus attention on vital information (address and phone number) and services offered. In larger ad note stress on "Established 1914." "Custom" telephone number. Special services such as sample dyeing, curtains, spot cleaning are also featured in accordance with points customers look for, as described in text. Even smaller ad gets in emphasis on quick and convenient delivery and service

scribers use the classified directory, and that of every 1,000 references made to the classified section, 14 are for information about drycleaners. A separate survey made in three of New York's boroughs revealed that 45 percent of the women polled have used the directory to locate a cleaner or dyer.

Another interesting feature of the latter survey was the finding that of that 45 percent, 65 percent looked for a cleaner who offers special services, such as reweaving, dyeing, one-day service. This result would seem to indicate the value of listings under separate classifications, such as reweaving or rug cleaning, in addition to listing under the general drycleaning category.

Classified listings are also useful as an adjunct to advertising in other media. Frequently a potential customer is looking for the phone number of a firm which had already impressed its name upon him by newspaper, radio, direct mail, store fronts, truck or other promotion, at a time when he had no immediate need for the service.

In addition to buyers looking for a specific firm, there are the prospects looking for any drycleaner. This group includes newcomers to the community; dissatisfied customers who wish to make a change; emergency buyers, such as those wanting a quick-service job because of a last-minute invitation to some affair, and infrequent buyers of such a service as rug cleaning.

What Prospects Look For

These prospects want specific information about a firm to help them decide which to call. As reported in surveys, they will base their choice on the following factors: reliability; number of years in business or firm policy; size of organization; delivery service; business hours; experienced and competent employees; location; illustrations or slogans; authorized representative for some special service or product.

Types of Listings

There are numerous kinds of listings and spaces available in the classified directories. The simplest and least expensive is, of course, the familiar one-line listing under the proper heading. There are also informational listings, like the two reproduced here, in which no illustrations may be used but which allow room for some copy based on the above considerations. The size is determined by the amount of copy and the prominence desired, as well as the cost. Most effective are the display units, like the ad of Prince Cleaners reproduced at the left.

Cost of Classified

There is a great deal of variation in the costs of the classified listings, which are figured not only on a space but on a circulation basis, much like newspaper advertising. Thus the display ad shown here in actual size costs $27.50 a month in Manhattan, the borough of Greater New York with the greatest proportion of telephones; $12 in another borough with fewer telephone subscribers, and $2.50 in a small town in upstate New York. An informational listing like that for Antoinette Cleaners ranges from $1.50 monthly in the small town to $10 in Manhattan. (Prices in Manhattan would be about tops for the entire country.)

The cost of the insertion is the only expense involved, unless an illustration is used. The plantowner who does not have sales personnel available to write copy for a display ad can call upon the telephone company or directory sales representatives, who are trained to help in preparation of the ads.

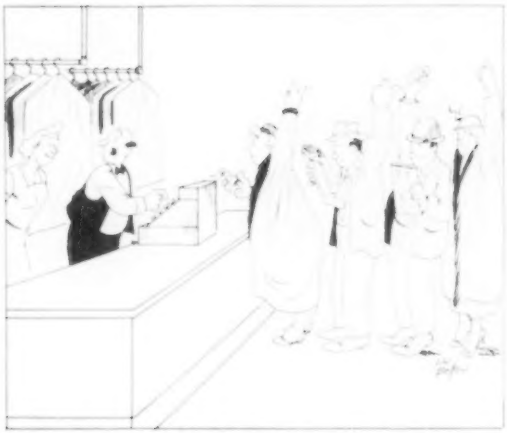
Drycleaners who have used classified directory listings report excellent results, particularly for special and sideline services. Classified listing is a continuous form of promotion with a direct and immediate appeal. # #

Directory ads reach the public

CAR AND BUS CARDS

DRYCLEANERS have long been among the largest users of transportation advertising; that is, bus and trolley cards. The principal advantages of this medium may be classified under these general headings:

1. *Coverage.* Car cards reach the majority of city dwellers since 8 out of 10 adults use public transit.



"These car cards are really bringing them in!"

2. *Continuity.* Car cards are on continuous display day and night for periods of 30 days. Unless customers see an ad often enough to remember it, advertising is wasteful.

3. *Low cost.* The national average cost is 4½ cents per 1,000 riders.

4. *Color.* Car cards afford unlimited advertising effects in full color. Silk screen printing permits the use of color with economy.

5. *Selectivity.* A neighborhood drycleaner in a good sized city can often purchase only the lines that serve his potential customers. He can buy the size card and showing he prefers.

For the past five years, the Advertising Research Foundation has been conducting a study of car-card advertising in major markets throughout the United States. Thirteen studies completed so far show that 8 out of 10 adults ride transit. Eighty-four percent of all women in a community are riders. Of all men, 76 percent use public transportation. Riding is about equally distributed throughout all rental groups, and 62 percent of the people make at least four trips per week.

The average length ride for a one-way trip is 26 minutes—plenty of time for a rider to read a sales message. A car card is not a baby billboard, since its message need not be absorbed in one quick glance. Some successful car cards carry up to 40 or 60 words of selling copy.

Tests for readership have shown that 44 percent of all daily riders, 54 percent of all frequent riders (two to four round trips per week), and 19 percent of all occasional riders remembered the average leading card in each study. (All cards were displayed for 30 days, but in only half of the vehicles in the test cities.)

If the budget calls for a smaller size than the standard 11-by-28-inch display, 11-by-21-inch cards are available. A still smaller card measures 11 by 14 inches. Besides the flexibility made possible by cards of various sizes, a drycleaner may suit the medium to his needs by contracting for different concentrations. Car cards may be purchased by "runs"—a full run, a card in every vehicle in the territory or line the drycleaner selects; a half-run, a card in every other vehicle; or a quarter-run, a card in every fourth vehicle.

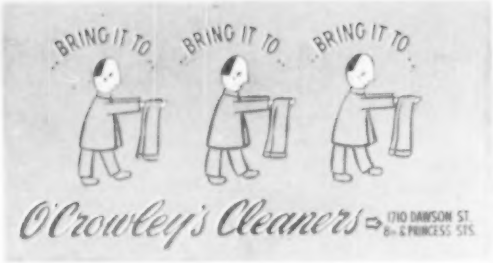
Traveling displays, the advertising space on the outside of transit vehicles, provide an opportunity for continuous circulation in the heaviest traffic sections of a community. In most cities this space is available in three sizes: 21 by 27 inches, 21 by 36 inches, and 21 by 44 inches.

Most drycleaners using transportation displays contract for an extended period in order to take advantage of both desirable continuity and the reduced rates offered on a long-term basis. Contracts usually cover a 12-month display period, but rates are also quoted for three, six and nine months. Based on the 12-month rate, a standard 11-by-28-inch card can be displayed in most cities for about three cents per day.

It is important to develop a theme, either in copy or art, that can be carried throughout the campaign.

A well designed card with a sound idea, inexpen-

Large 29-by-44-inch traveling display reaches pedestrians and cars in heavy traffic. Most cities have "outside" bus and car space available



O'Crowley's car-card promotion uses humorous repetition to advantage

All-year campaign using small 11-by-14-inch space keeps them chuckling

sively printed, will do a better job than a poorly conceived ad, no matter how much money is spent on production and color. It is economical in the long run to use the best creative talent obtainable to plan and lay out a campaign.

Local transportation advertising companies may be consulted for complete details on the car-card space available in the territory. These organizations will aid in preparation of displays and planning of a program to fit a drycleaner's sales budget.

In general, transportation advertising permits most drycleaners to reach a large number of potential customers at a low cost and with minimum waste circulation. The advantages of coverage, continuity, low cost, repetition, selectivity and color make car cards one of the most effective and flexible of local media. ★ ★

Source: National Association of Transportation Advertising, Inc.

BILLBOARDS

TODAY there are something over 38 million motor cars in the United States. Billboard advertising is the only medium specifically designed to tap this "market in motion."

All outdoor advertising falls naturally into three classifications: (1) 24-sheet poster coverage, (2) painted bulletin displays, and (3) spectacular, animated set-ups. The first two types are available in virtually every community, while the third can be passed over here as hardly applicable to the drycleaning industry.

24-Sheet Posting

In every part of the nation 24-sheet panels are erected in a standard size measuring approximately 12 by 25 feet over-all with an inside poster area 19 feet, 6 inches by 8 feet, 8 inches. All posters printed for outdoor advertising are prepared to fit any 24-sheet board in the country.

Except in small "one panel" towns, outdoor poster boards are always purchased in a series which represents the intensity of coverage in a particular market area. The number of miles of streets, density of the traffic and population of the market governs the location and number of panels necessary. Nighttime traffic patterns indicate the number of illuminated boards required. From this data the outdoor advertising agency determines the number of displays or "showings" necessary for complete coverage of traffic flow to and from every section of the market area. The showings are divided into various degrees of intensity and priced on the ratio of 100, 75, 50 and 25 intensities.

Naturally, the number of boards required for a showing of a certain intensity varies from one community to another. For example, in Chicago a showing of 100 intensity demands 160 panels with 80 illuminated while in Cedar Rapids, Iowa, a 100 showing calls for 14 panels of which 6 are lighted from dusk to midnight. Outdoor advertising companies contend that in most markets the daily circulation of a 100 showing exceeds the total population of the area.

Contracts for poster space may be arranged on the basis of from one month to several years but in most instances little space is available for periods shorter than six months or a year. Fresh posters are placed on the panels every 30 days with or without change of copy, as desired. Posters are obtained by the cleaner or his advertising agency and shipped to the outdoor advertising company in advance of the date of posting. Sources of supply for posters depend upon the size of the campaign and amount of money the drycleaner can afford to spend. Where the showing is rather limited, it may be advisable to purchase syndicated material which poster manufacturers have prepared for various classifications of business.

Posters specially designed for an individual drycleaner permit a better display of the firm name, telephone number, slogan or trademark. The outdoor advertising companies will advise prospective advertisers as to sources through which art service or printing may be obtained. Some provide free copy sketches. Cost of posters will vary with the complexity of the design, number of colors and the quantity ordered. For small quantities of from 15 or 20 to 100, prices will range from $5 each to about $12 or $15 each.

Outdoor painted displays are sold on an individual basis. In metropolitan areas these advertisements occupy what are known as "preferred positions"; that is, locations on an unusually heavy traffic intersection, in the heart of a shopping center or near a principal boulevard leading to a high-buying-power residential section. A painted board in a preferred position may command a circulation which can be equalled only by the use of several 24-sheet boards.

Painted boards are also used on highways leading in and out of a city. These displays are large, dominant and designed to attract attention from high-speed traffic. Particularly effective are the boards painted with the new "Scotch light" that glows in brilliant colors when hit with car lights.

Painted outdoor advertisements are leased on a one- to three-year basis. Bulletins are repainted with or without change of copy every four or six months depending upon the contract. Cost of this type of display varies widely according to location, special treatments added, type of structure selected, circulation and length of the contract. Painted displays are often purchased in conjunction with poster coverage to add strength to the campaign in certain metropolitan or suburban sections.

By its very nature outdoor advertising must catch its audience on the run, and this, of course, is the main factor in shaping the presentation. All good outdoor displays incorporate four general principles: (1) they must be eye-catching; (2) the message must be conveyed in one quick glance; (3) illustration and copy should impel action; and (4) the impression should be strong enough so that viewers will recall it when the time comes to buy.

Principal errors may be grouped under the general headings of too much copy, too many elements in design, illustration unrelated to intended meaning of the advertisement, and uninteresting layout. Basically no design should include more than three elements, or masses on the background: illustration, main copy, and logotype or trademark. Too much copy is fatal! What the reader can't catch in one swift glance, he won't catch at all. Chances are he will forget what he does see.

With outdoor advertising the value of continuity cannot be overemphasized. Frequency is almost automatically assured by the fact that billboard contracts are seldom written for periods of less than six months or a year. Continuity in a series of posters may be achieved by a slogan, a distinctive presentation of the firm name, a trademark, a basic similarity in layout or by a combination of all these devices. Spic and Span of Milwaukee, Wisconsin, is currently plugging a higher priced "orchid service" with a series of handsome billboards that feature a jet-black background, a picture of an orchid and the firm's trademark signature. Henry C. Hartenbach of St. Louis has employed a poster campaign keyed on the slogan, "Don't Beat That Rug." Here a humorous cartoon approach was used for quick, pointed delivery.

Role of the Medium

The cost of outdoor advertising varies widely from one community to another. The contract price—and the value—of any campaign depends principally upon the circulation provided. For the country as a whole costs range from 7 cents to 15 cents per 1,000 circulation in 100 poster showings. Despite local variations, it can be said that outdoor display is one of the cheapest means of presenting a message to a mass audience.

Although no customer can be expected to buy a particular drycleaning service simply because he has seen a certain display or even an entire series of displays, outdoor advertising is a valuable part of a complete promotion program. When a routeman receives an order from a solicitation or when a woman telephones and asks for a driver to call, some of the credit must be attributed to outdoor displays which build a consciousness of the drycleaner's name and an awareness of his reputation. # #

Above: Minimum of copy, arresting illustration. Above right: Seasonal promotion. Below: "Cleaning, exclusively" is emphasized in company's advertising. Below right: Accent on service; circled baby catches eye

MOTION PICTURES

A DRYCLEANER contemplating the use of motion pictures for promotional purposes has a choice of three possible approaches. He can make a film in his own plant and show it either at local theaters or at meetings of women's clubs. He may secure pictures of a more general nature for presentation to local groups as a goodwill gesture. His third choice is to secure the services of one of the film companies which provide syndicated playlets, signature trailers, and bookings at selected theaters.

In a few cases cleaners have prepared films of their operations and used them as part of their sales promotion campaign. One plant in Texas reports good results from a short color and sound trailer picturing the bachelor service department. The advertisement was screened in five theaters and repeated to give a total showing of 22 weeks. Prepared by a local film maker, the production cost $175, was 66 feet long and ran a little over two-thirds of a minute. (Standard 35 mm film is projected at the rate of 90 feet a minute.)

Generally speaking, a well-done production of this type will have greater local appeal than a standard syndicated playlet. Aside from the rather high cost, the greatest disadvantage of a tailor-made film is the fact that it lacks continuity. A single presentation can be shown only a limited number of times, and few cleaners will be able to afford enough different films to permit regular presentations week after week at the local theaters.

A number of cleaners are movie hobbyists, but even those who can produce pictures worthy of presentation in commercial theaters are hampered by the fact that most amateur cameras are 8 or 16 mm, while the standard movie house uses 35 mm film. The smaller pictures may, however, be one of the most acceptable means of arranging an educational program for local women's clubs.

With reason, drycleaners as a group and as individuals have never been as active in this type of public relations as have laundrymen and diaper service operators. During the past several months the American Institute of Laundering film, "Time for Living," has been shown extensively in all sections of the country. One diaper service plant maintains a rather elaborate program of attending club meetings with films of a general educational nature, usually produced by some large corporation. The plant representative is available for questions but the firm has found that the program chairman is so appreciative that she does a better selling job than the representative could hope to do.

So far as drycleaners are concerned, it would be unfair to state categorically that presentations to women's clubs are wasteful promotion, but it should be pointed out that one of the primary objectives of laundrymen and diaper service operators is to persuade housewives to have their work done outside the home. Drycleaners generally do not face this problem. Film showings to women's groups will draw heavily on the time of the plantowner or his sales manager.

The most widely used and practical form of movie advertising is the presentation of syndicated material as part of a theater's regular program. One of the largest film companies reports that more than 800 cleaners in the United States are carried on its customer rolls.

Screen advertising started originally in smaller communities, still considered the backbone of the business, although it has moved into a number of metropolitan areas. Of the approximately 11,000 theaters in the country that accept movie ads, about half are in cities of 20,000 population or more. The medium is available in 26 of the 37 communities boasting 250,000 people or more but circulation varies in different sections.

The syndicated presentation consists of a 30-foot playlet made up to dramatize any drycleaning service in a rather general way. This is followed sometimes by a 10-foot insert and always by a 20-foot signature trailer which identifies the local advertiser in sound and print. The complete unit runs 50 to 60 feet in length and requires about two-thirds of a minute for display.

A film company representative will aid in scheduling the series of films, selecting theaters and preparing the advertiser's personal sales message. With the signing of the contract the movie advertising company assumes all details of processing, distribution, presentation and billing at one inclusive cost. The syndicated playlet is changed weekly and several different signature trailers may be used during a year's campaign. The service can be offered at a relatively low cost, since the film company is able to strike off hundreds of prints from the negative of a single playlet in any field.

The cost of the medium varies with the size and class of theater and its attendance. On the basis of verified weekly attendance, average charges range between $2.50 and $2.75 per 1,000 viewers. For the country as a whole the film companies claim that a movie advertisement will reach three people for one cent spent. About one-third of syndicated material is available in full color, at a slightly higher cost.

Theater displays may be purchased for a 26-week period but most advertisers sign up for the full 52-week package to gain the advantages of frequency and continuity. If desired, an advertiser may obtain film inserts announcing sales or other short-term promotional features. As a general rule, however, this procedure is not recommended, since radio, newspapers or direct mail are more flexible and effective tools for this type of advertising. Business produced by theater displays must be considered long-range and cumulative.

The companies selling syndicated material produce some special films for individual advertisers, but most of these pictures are made for national manufacturers who show them under a cooperative payment plan with local distributors. A 40-foot playlet of this type would cost a cleaner about $400 for black and white and $500 in color. Obviously, the cost is prohibitive.

How do customers and prospective customers feel about the medium? Do theater patrons resent the intrusiveness of screen advertising? The continuing growth of the movie ad industry would seem to indicate that any such resentment is negligible. The largest company in the field services 24,000 accounts and claims a yearly renewal rate of 81 percent. # #

COOPERATIVE ADVERTISING

THE educational and institutional type of promotion has an important part in any sales program, particularly in an industry which is so much in need of improved public relations and public appreciation as drycleaning. Many drycleaners, however, are understandably reluctant to spend part of a limited sales budget on promotion that is necessarily indirect and long-range in its effects.

The solution, gaining more and more favor in communities of all sizes, is group or cooperative advertising, usually sponsored by a local drycleaners association. An obvious advantage of group action is the splitting of cost, making it a minor item for each participating firm. Another advantage is the authority and prestige that come from a recognized group, whereas an individual advertiser might be suspected of insinuating his own claims under an educational cloak.

Frequently, also, this type of advertising features an emblem or device used to identify members of the cooperating group. The members, who are usually listed in each ad, can therefore be easily identified by the readers, who will associate them individually with the prestige and high standards proclaimed in the advertising.

Cooperative advertising campaigns are usually planned to run for a fairly long period, at least six months, to impress their message upon the public. They are usually centered around a single theme. The theme may be purely educational, such as advice on garment buying, serviceability factors, care of clothing and household items, possibly taking up in individual ads such specific factors as dissolving plastic buttons, fuzzy wools, heat-set stains. Some campaigns stress the skill and reliability of the associated cleaners as operators of their own plants and responsible businessmen. Others take up the advantages of drycleaning in general and give some idea of its nature, its possibilities and limitations.

The favorite medium for most cooperative advertising is fairly large newspaper display space, running consistently on certain days. The radio may also be used successfully for this type of promotion, either alone or in conjunction with the newspaper campaign. Other suitable media are billboards and car cards—in other words, media which reach a large segment of the town's population.

Preparation and placement of the advertising may be handled by an executive of the association or a professional agency paid for out of association funds. Sometimes the campaign is paid for by a special assessment on the members for that purpose.

A less common type of cooperative advertising is group action by different kinds of businesses in a community. One drycleaner, for example, located in a small community within the market area of a larger city, cooperated with retail merchants in a radio program boosting home-town business.

Group promotion of an educational nature may be presented through the medium of displays at county fairs, home shows, or any other public event offering opportunities for exhibits. While this is a fairly recent development in the drycleaning industry, it has already proved successful in stimulating public interest. Exhibits of this nature might show unserviceable fabrics, garments and accessories (to be contributed by members), as well as properly cleaned and finished garments. The booth should be manned at all times by association members equipped to answer questions. Some displays have featured National Institute of Cleaning and Dyeing bulletins on various serviceability factors. Distribution of booklets of an educational nature is also advisable.

Demonstrations of pressing, steam-air finishing or any other feasible process will attract visitors to the drycleaning booth. One attraction-getting display, set up in a theater lobby, showed the old method of drycleaning—with benzene and washtub—contrasted with a miniature modern drycleaning plant lent by an allied trades firm.

Names of participating firms may be exhibited in some way. The cost of such an exhibit is, of course, spread among association members, and is repaid by the public interest it can create and the prestige it can lend the participants. # #

Example of billboard cooperative advertising. Because of copy limitations of quickly scanned billboard, names of association members are not listed, however, seal is featured. Not only may prospects be led to patronize plant displaying emblem but customers might feel proprietary pride if their cleaners are associated with dignified educational group

GIVEAWAYS AND CONTESTS

"SOMETHING for nothing" has a universal appeal. Giveaways or premiums and prize contests are a strong selling medium, readily adaptable to the drycleaning field and successfully used by drycleaning firms of all sizes, in all types of communities. Even customers in the higher income brackets apparently cannot resist the appeal of something "for free."

While giveaways are often distributed to present customers, one of their principal uses is in reaching new prospects. Of major importance is the use of giveaways as door openers by routemen, on the Fuller brush principle. A routeman who solicits business from a new prospect will create a more receptive attitude toward his sales talk if he starts by presenting a small gift from the firm he represents.

Any giveaway must be something really usable, both so that the recipient will actually want it and so that he will keep it in use for a time, reminding him of the donor. While it is sometimes advisable, as in prize contests, to give premiums with no advertising message, door openers should bear the name, address and telephone number of the firm, so that the prospect will have it available in case of a future decision to try that drycleaner.

Giveaways are also used to promote business during a slow season, to push a certain sideline or a new service. They are frequently given at the counter to customers as they come in, with or without orders. This type of giveaway should be coordinated with newspaper, radio, handle inserts or direct-mail advertising, publicizing the fact that the company will give a specific premium, as the case may be, to all comers, to customers, to those bringing in orders over a certain amount, to customers bringing in blankets or any other special. The premium may be related to the sideline being pushed, if possible, such as a thimble with the firm name when alterations are being promoted.

Small items which may be given away at relatively small cost cover a wide range, including matchbooks, pencils, calendars, blotters, memo pads, rulers, stocking run stoppers, sticks for lubricating zippers, playing cards, score pads, lipstick tissues, pot holders, small kitchen implements, paper napkins, coasters, or any other of scores of inexpensive but usable articles which can be imprinted with the drycleaner's name and address. If there is something tricky or unusual about the item, so much the better; matchbooks should be preferably oversize, calendars may have pockets for memo pads, and so on.

Giveaways of this type are available from a number of premium supply houses which will put on them any imprint which the advertiser chooses. Naturally, those that will be in use longest, such as an all-year calendar, carry their advertising message longest.

The cost of giveaways and contests varies, of course, with the value of the premium or prize, the length of time during which it is given, the number used. However, the returns are usually high for the investment. One well known firm uses premiums as a substitute for special sales during slow seasons, figuring that the expense is less than what it would cost to do the same amount of work at a reduced sale price.

Coupons and Stamps

Another type of giveaway is the coupon or ticket given with each drycleaning order, and redeemed when a specified number have been collected with a certain amount of free drycleaning. This is one way of both holding customers and increasing the size of orders.

In many small communities premium stamps are given away by all retail businesses. The drycleaner gives a certain number of stamps for each dollar of work, and the customer, who is also receiving stamps from other merchants in the town, can redeem them for merchandise when he has collected the required amount. One Western cleaner not only gives out the stamps but acts as local distributing agent for the premium company, thus drawing a great deal of traffic into his store.

The variations of giveaways are limited only by their cost and the ingenuity of the drycleaner or his sales manager. The free soft drinks served by one drycleaner in his store would come under the head of giveaways. Another possibility is giving lollipops or balloons to children who come in with customers. Any drycleaner-parent who has been forced to buy a certain breakfast cereal so that Junior could save the boxtops for an atomic gun will understand the value of attracting children.

In addition to giving premiums through routemen and over the counter, they may be distributed at women's club meetings, especially if the drycleaner is giving an educational talk, to groups visiting the plant, or to attendants at openings of new plants or stores. This method reaches prospects as well as customers.

Plant Openings

The opening of a new or remodeled plant or store provides one of the cleaner's best opportunities for pro-

motion in all media, including giveaways. It is assumed that the plantowner will publicize the opening by newspaper, radio or other media for at least a month in advance. In his promotion he should mention anything that will be given away, either as souvenirs, as door prizes or in connection with contests.

All visitors to the new plant could be given light refreshments, a small premium, possibly a gardenia or some other flower to each of the ladies. Door prizes should be items of greater value, with no advertising imprint. Especially in small communities, they are often contributed by local merchants who are repaid by the advertising value.

Contests

Another type of "something for nothing" promotion is the contest, which may be run in connection with a plant opening, for off-season or new-service promotion. In this case, too, the top prizes should be of substantial and recognizable value, such as electrical appliances, luggage, china or a sum of cash, with smaller prizes, possibly free cleaning, to runners-up.

The contest may take any one of a number of forms. If it is in connection with a new business opening, it might be a contest for the best firm name. The testimonial type, such as "I like National Cleaners because . . ." to be filled out with 25 words, is especially valuable, as the contestant sells himself on the business and the answers may provide new sales angles. The contest may be unrelated to the business; of the puzzle type, such as identifying photos of movie stars or other public figures; guessing the outcome of a local or national election; filling in the last line of a limerick. The familiar gag of guessing the number of beans in a jar in the cleaner's window has the added advantage of drawing people to the store. Another way of utilizing the contest to draw traffic to the store is to have contest entry blanks distributed only over the counter.

For a successful contest, it is necessary to follow certain principles. First, it must be thoroughly well publicized in advance and continuously during the contest period in other advertising media, so that all residents of the town know about it. The rules must be clear and prominently advertised. It must offer desirable prizes, with their dollar value advertised. The contest must be simple enough so that the average person will not be too intimidated to try. It must be obviously fair, with impartial judges known to be respected citizens of the community. A small consolation prize to all contestants, such as a free drycleaning of a skirt or slacks or free water-repelling of a garment, is not necessary but creates much goodwill.

The contest, open to everyone, is an especially valuable medium for getting names and addresses for a prospect list. Such a list can be fairly easily checked to evaluate results.

For drycleaners who use radio advertising, some form of the giveaway program may be used—not, of course, giving away private planes or trips around the world, but small cash prizes or orders for free drycleaning. We do know of a couple of cleaners—one in Los Angeles, the other in New York—who gave cars as grand prizes. In each case it worked so well that a second car was given away in a second contest. # #

PLANT VISITS

No drycleaner should undertake to conduct plant visits unless he is certain his plant will stand inspection in every respect. That means not only the best of good housekeeping, with new-looking, well-kept equipment and clean, uncluttered floors and passageways, but a layout that will permit visitors to move around without tripping over each other, the employees and the machinery. In planning a remodeling job a Miami drycleaner even left a clear space of a few feet around all walls so that visitors could circulate freely. Especially attractive (also pleasant for employees) are walls and equipment painted the same color or graduated shades of the same color, usually green for restfulness.

Some drycleaners encourage individual visits. If a customer expresses an interest in the plant and its processes, he will be shown around at any time by the owner or manager or an employee trained for the purpose. The more usual procedure is to arrange group visits by appointment. Frequently a cleaner who features "conducted tours" will specify a certain afternoon or two afternoons a week for plant visits. It is usually the owner who does the conducting.

While it may be difficult to interest the first few groups in making the visit, once a program is launched it will soon be heard about and other groups will be glad to follow suit. Excellent sources of group visitors are church and women's clubs. It is a common practice, though many cleaners find it unnecessary, to pay such groups 25 cents for each visitor, to be used for the organization which they represent. Home-economics classes, from high schools or from colleges, if there happen to be any in the area, and high-school senior classes are other good sources of group visitors and future customers.

If the plant furnishes a guest book for registration of visitors' names and addresses, it will be provided with an excellent list of prospects who know the plant and have been impressed with its operations, if the tour has been properly conducted. These names may be followed up either by letter or by route calls.

There is a general pattern of conducting a group visit which is followed, with some variations, by most drycleaners. After the visitors have registered, the owner or other person conducting the group gives a short informal background talk. This session offers an opportunity, particularly since leading questions are likely to arise, to show a little exhibit of unserviceable fabrics, buttons, belts. Curtains sun-tendered at the bottom only have been an eye-opening exhibit. One drycleaner serves coffee and cookies, nicely set out on a table in the store, while he is presenting his little introduction.

From there on it is customary to take the group through the entire drycleaning procedure, starting at

marking, or possibly with the unloading of garments from a truck. In each of the departments, which may be labeled with neat lettered signs, the plantowner stops and explains the process under way and the equipment being used. If any particular sideline is being promoted, such as fur storage or rug cleaning, emphasis is laid on that department. Opinions differ as to how to handle wetcleaning. Some pass it over lightly with a few words about the occasional necessity of using moisture; others go into it pretty thoroughly in an effort to overcome the general prejudice against "washing."

One drycleaner varies the procedure by providing folding chairs so that the group can sit to watch a complete operation. This would, of course, require an amount of space which is not always available.

A certain amount of showmanship will add to the interest in and the lasting impression made by the tour. For example, one plantowner emphasizes the still and exhibits a bottle of clear redistilled solvent. Another shows a bottle of sludge and a pan of dried muck to demonstrate what is taken out of customers' garments.

According to conductors of plant visitations, men are impressed by the motors that power the machinery; the women are more interested in finishing and pay special attention to fur storage and repair facilities.

A drycleaner who conducted home economics classes worked out, in cooperation with the teachers, a mimeographed sheet for class use, describing the drycleaning equipment and processes and including a set of test questions. This was so successful that he distributed copies to all visitors, with a folder on drycleaning. Consumer-educational folders, descriptions of fur processing and other sidelines may be distributed to advantage.

The cost of conducting plant visits is more heavy in time than in money. The only actual expenditures are trifling ones for any literature distributed, possibly small giveaways or refreshments, and the frequent 25 cents a head for group members. Carried out on a planned basis over a long period, the program will take up a good deal of the time of the plantowner or other executive who conducts the tours. Each visit should take at least an hour, but of course the number of visits a week can be limited at the owner's discretion. While the talks should have an air of spontaneity, nevertheless the entire routine must be carefully planned before the program is undertaken so that it will run with impressive smoothness.

While the plant visit is a rather indirect and long-range promotion medium, many users have reported immediate results, in addition to the building up of an excellent prospect list. According to one drycleaner, after the visitors had seen his repair facilities, alterations and paid-repair volume took an immediate jump. On the whole, the well-conducted tour of a well-run plant builds up goodwill and respect not only for the individual drycleaner but for the entire industry. ▪ ▪

CONSULTING SERVICE

"OUR Miss White" is an indirect form of promotion used by the drycleaner who wishes to establish a position of prestige and respect in his community. A consulting service is offered, available both to customers and noncustomers, on questions relating to all drycleaning and sideline processes, fabric and accessory serviceability, care of garments and household furnishings, and similar subjects. The consultant is given a simple, easy-to-remember name like "Nancy White" or "Mary Lane." By contract or other arrangement the name belongs to the company, so that it can be carried on by a successor if the original employee leaves.

The woman holding this position must be trained to know all the processes in the drycleaning plant, what can and cannot be done to service a garment, what fabrics and finishes are serviceable or unserviceable and why, when emergency home treatment of spots

is feasible and when it would be disastrous. A pleasant telephone voice and manner are also important, as well as a good deal of tact. Especially in a small town, Miss White cannot bluntly say, "No, don't buy that new taffeta number Blank's is showing or you'll be sorry." She must establish relations with the local retailers on such a basis that they, too, will consult rather than resent her and the firm she represents.

Only a very large drycleaning concern would employ a full-time employee as a consultant. In smaller plants some suitable employee with other duties could be trained to answer inquiries—possibly the owner's wife who is so often an important figure in the small-plant personnel.

In order to fulfill its purpose of creating goodwill and establishing prestige, the consulting service should be unbiased and noncommercial. If a frantic customer calls in and asks what to do about her best gown on which she has just poured a cocktail, Miss White should tell her what to do immediately if anything can be done; she should advise her to bring the gown in to the plant only if the spot cannot be removed by the wearer. If she does not know the answer to a specific question and cannot get it from the production staff, it would be better to say so or ask for time to find out rather than give inaccurate or misleading information.

This type of promotion is not for the slapdash, cut-rate cleaner, but for the progressive operator who does a good job, takes pride in it and probably charges a good price for it. The cost of a consulting service is the salary, probably also the training, of the Miss White or Miss Lane. The results will be felt only over a long period of time but, carefully handled and backed up by mention of the service in other advertising media, it should eventually win both highly favorable attention and loyal customers. ■ ■

WELCOME WAGON

AN advertising medium which is directed to one specific group—new prospects—is the Welcome Wagon service available in most small towns and suburban communities. Subscribers to the service include businesses of all types dealing directly with the consumer. Each subscribing business introduces itself to new residents through the Welcome Wagon, usually offering some free merchandise or service.

The Welcome Wagon organization gets the names of new residents and distributes the gifts, gift tickets or other introductory material. The Welcome Wagon hostess visits all newcomers, welcomes them to the community, and presents the offers of the subscribing business firms.

Subscribers pay the Welcome Wagon on the basis of a fixed amount per name, varying from town to town but usually considerably under a dollar. To this initial cost must be added whatever the drycleaner offers the newcomer—usually a free cleaning job. Frequently a small premium, such as matchbooks, blotters, calendars, playing cards or similar items, is also given. The premium may be presented by the Welcome Wagon hostess, by the drycleaner's routeman, or the new resident may be invited to stop in at the plant store or cash-and-carry outlet to pick up his gift and to bring in his work for the free cleaning.

The initial work is done by the Welcome Wagon but if the drycleaner wishes to get the best results from this type of promotion a follow-up is necessary. A procedure that has been successful for many drycleaners is to write a non-advertising letter of welcome to each new name, with a second letter rather thanking the newcomer for stopping at the plant for his free cleaning or gift or reminding him of the offer if he has not taken advantage of it. Names should then be added to the regular mailing list, prospect or customer. Follow-up can also be made by routemen in the same manner. The cost of follow-up is, naturally, the same as that for any other type of prospect list.

Some Welcome Wagon services also keep subscribers informed of all births and weddings in the community (this information can also be obtained from the local paper or record bureau). The cleaner can make the same offer, such as free cleaning, to the parents or newlyweds as to a new resident, and follow up in the same manner.

One Welcome Wagon subscriber offers new residents miscellaneous services unconnected with drycleaning. He will locate a maid, get in touch with utilities, dig up a baby sitter, of course with no charge. Counter girls and routemen are instructed to offer their services when making the first contact with a newcomer. The small trouble involved in making a few phone calls is more than repaid in goodwill.

There are many other opportunities for small but much appreciated personal services by the drycleaner to his customers, with or without the Welcome Wagon furnishing the data. One Southwestern cleaner, for example, when he learns that one of his customers is moving offers to move the family wardrobe in one of his delivery trucks.

Welcome Wagon promotion does not lend itself readily to tie-ins with newspaper advertising but it can be linked with radio promotion. One successful drycleaning radio advertiser devotes one spot announcement a month to welcoming newcomers to town, with no other advertising than the mention of the firm name.

The Welcome Wagon medium has many advantages. First, everyone it reaches is a prospect. A new resident has to have his cleaning done somewhere and has not yet selected a drycleaner and acquired the habit of patronizing him. Also, the Welcome Wagon offers an opportunity for a friendly approach without aggressive selling. It is both direct in its appeal and immediate in its impact, and the results are easy to evaluate. Little work is involved for the drycleaner until he comes to the follow-up, which then becomes part of his regular selling program, direct-mail or route, and should be handled by the person in charge of that promotion.

A friendly, noncommercial approach with consistent follow-up has usually resulted in high returns for the expenditure involved. ■ ■

PUBLIC SERVICE

WE have a fantastic but true story to show how important public service and "joining" civic organizations can be to a drycleaner. Max was a very competent and conscientious drycleaner. A veteran, he staked all his money in a small but good drycleaning plant in Blankburg, a small Middle Western town with a trading area of possibly 12,000. His competition was numerous but poor.

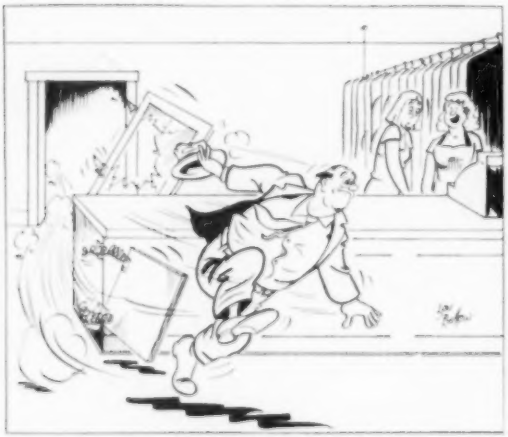
Max's work was so good by comparison that the business doubled in a dull summer month. Then came the visit from Mrs. Gottrocks in person. Her expensive gown still had brown spots after his cleaning. He explained about set tannin stains, pointed out the ticket that noted the stains when he accepted the garment. She wanted her money. Max offered to send the dress to NICD for analysis. "I," said the lady, "am *the* Mrs. Gottrocks. My husband is George G. Gottrocks. I expect to be paid—now!"

Max had seen the likes of her before. She didn't give a damn about getting a fair deal. She wanted Max to grovel. But Max sensed that a little of the soft soap wouldn't be enough. So he didn't grovel.

George G. Gottrocks was the town banker, held mortgages on the town newspaper, owned a chunk of the radio station, and was a large stockholder in the big mill that was the town's major source of income. Mrs. Gottrocks had "society" in Blankburg by the ring in its nose. In three months Max's business was a mere dribble, while old lady Gottrocks worked 16 hours a day pulling every possible string to shut off even that last little dribble.

Max is a decent, wholesome citizen, plus some stubborn Dutch blood. He had anticipated shyness and aloofness toward a stranger starting in business in a strange town. He had not expected to be treated like a leper, particularly after such a good start.

He had heard that whoever held the kids of the community had the inside track with the parents. So he went to work on the kids. He attended Boy Scout meetings, eventually becoming scoutmaster, and his wife did the same for Girl Scouts. Max didn't know a Guernsey from a Percheron but he sat in on the 4H meetings and helped with its projects. He joined the Grange (Mrs. G. had no strings on that). He took charge of a Sunday school class. Finally, being a former college tackle, he spent five or six hours a week at the high school aiding the hard-pressed coach in building up an indifferent football squad into a state title contender.



"This afternoon he attends meetings of Rotary, Elks, Lions, P.T.A. and 40 and 8!"

No need to go into details. In six months half the high-school kids in town called Max by his first name, in a year he had met and favorably impressed most of their parents. In two years he was admitted to a civic club at which Mr. Gottrocks could have blackballed him and on the same day Mrs. G's chauffeur brought Max her white wool dress that another cleaner had grayed with redeposition, and asked him could he please do something to help it even a little.

Max, now the most prosperous cleaner in town, does no packaged advertising. All his spare time and his sales-promotion appropriation still go into working with the kids. Granted Max has personality and a way with kids that not all of us can equal, his experience still points out a facet of sales promotion or public relations that most drycleaners slight. They don't have to deal with the youngsters. There are plenty of organizations and activities in the average community to enable anyone to get out and meet plenty of people.

There is one catch. You've got to work at it! Get on committees (not hard when most people are ducking them) and work zealously at fulfilling assignments. It doesn't build sales overnight, but public service is working for the long pull.

There are many ways in which public service can be more obviously associated with a drycleaner's name. Cleaning and repairing garments without charge for CARE and the numerous public relief agencies, and even collecting, delivering and packaging the charity items. Also cleaning uniforms or furnishings, without charge or at production cost only, for school bands or similar organizations. A Michigan drycleaner will dryclean American flags free for local residents.

Drycleaners can offer the use of their store windows to civic organizations, or even actively cooperate by decorating their windows to promote civic campaigns from Fire Prevention Week to the Cancer Fund. The Chicago cleaners and laundries distributed city clean-up campaign literature in garments and bundles.

One operator sets up concrete and wood benches along a bus route for bus riders. Another has erected stormproof shelters in the outside corners of three drive-ins that are located on trolley lines.

Men hesitate to plug their businesses when doing public service work such as Max was doing. Nor is that necessary for by watching for opportunities to discuss drycleaning problems, you can see to it that the knowledge of your business gets around quickly enough. And when you get to discussing drycleaning problems you cease to be a public servant and become a drycleaning salesman. # #

PROGRAMS AND CHARITY

IT'S hard to be businesslike in this department where the average drycleaner feels the returns from contributions to fraternal and civic organizations amount to 99 percent charity and the brotherhood of man, and one percent good advertising. A drycleaner never regrets supporting an organization of which he is member or of which he highly approves. It is the requests from minority religious sects, philatelic societies, foreign language weeklies and the police annual, which arouse no feeling of generosity and are of questionable advertising value.

Reading Laundry has developed a method of handling the questionable ones. They have coupons printed with the name of the organization, such as "Blankburg Twilight League" or "East Greenville Reading Society." The whole packet of coupons is turned over to the organization for distribution to its members. Then whenever a coupon is presented with payment for one order, drycleaning or laundry, a dime is turned over to the Twilight League or the Reading Society.

The greatest mistake, however, is to take advertising space in an annual or a program and then waste it with "from a friend" or a printing of only the name of the firm. The company trademark and motto, if any, should always appear. If a religious paper there could at least be a line such as "*Always* look your Sunday best. Use Blank Cleaners!"

Several drycleaners have another check on the donation advertising which is taken from programs used in small-town ball parks. Numbers are printed serially in different copies of a union paper, for instance, together with instructions to watch the evening papers for the drycleaner's advertisement bearing the "lucky numbers." The winners get prizes of free drycleaning. Since the cleaner has nothing to do with distributing the union paper, the drawing has to be strictly on the level, which will guarantee considerable interest by members, if they read their union paper.

Large printers have equipment for the serial numbering, while small print runs are done by hand with a stamper that automatically changes with each imprint.

High school yearbooks and annuals that are not likely to be discarded immediately stand at the top of the list for advertising value. High school papers have better value on a long-term basis, as well as scout publications or any other papers directed toward kids. Youngsters maintain a loyalty to their impressions about business concerns that their elders treat more skeptically. The kids remember when they make homes of their own.

It should be needless to say that the drycleaner should know the organization he is dealing with. If he doesn't, it's time he got acquainted, since they consider him a logical donor. Should he be dubious about the solicitor's credentials the latter must be asked to call back later, so the business man can check. If it is a racket, turn it over to the Better Business Bureau immediately. Don't make a payment on a telephone solicitation without checking to see if the request is legitimate, either with an officer of the organization or with the local newspaper, which should know if there is a collection compaign running. # #

PUBLICITY

MANY drycleaners have promoted publicity stunts, consciously or unconsciously following the advertising principle that almost any way of getting your name before the public will get sales results. While this medium is likely to appeal most to the natural-born showman who will get some fun out of it, there are occasions which almost demand publicity exploitation.

Such an occasion is the opening of a new plant or store. While as a general rule publicity stunts by a drycleaner will be most effective in a fairly small community, they have also been successfully promoted in big cities. The opening of the Carl Stockholm drive-in, for example, which featured trick bicycle riding because of the owner's past career as a cyclist, won wide attention in the big city of Chicago.

In a more modest way and at practically no expense, the erection of a small plant in a small town created before-opening interest because large question marks were painted on the building while it was still under construction. Everybody wanted to know why. A plant opening that features entertainment or the presence of community celebrities to meet the crowd will certainly make the news columns of the local paper.

Another occasion for publicity related to the business itself is the celebration of a 25- or a 50-year anniversary. If the drycleaner has or can get an ancient delivery truck or wagon of the period when the firm was founded, it can be dressed up and circulated around the busiest streets to call attention to the occasion. A window display of old photographs, costumes or other paraphernalia of the founding period would draw traffic. Store and route personnel might even be dressed in the 1900 or 1925 styles, with appropriate hair-dos or mustaches.

Usually a formal dinner or banquet for the staff is

"Dick'll do anything for publicity!"

held on such occasions. If local public officials and dignitaries and possibly executives of other firms founded in the same year are invited, good coverage by the local press would be assured. Entertainment could include songs and dances of the period.

Another way of celebrating an anniversary which would be very inexpensive for the smallest plant yet get news coverage would be the awarding of a prize to the oldest customer of the firm presenting himself at the plant or store.

This type of publicity stunt calls for planned coordination with other media, such as newspaper or radio, to create interest in the coming anniversary activities and emphasize the long-established reputation of the business.

Occasions for publicity stunts, not directly connected with the individual firm or the drycleaning industry, are offered by the festivals and fiestas and "weeks" celebrated in so many smaller American towns. The drycleaner should take at least as active a part as any other merchant in the town in these celebrations. If every man is supposed to grow a beard and wear pioneer pants or a Spanish hat, the drycleaner and his staff should fall in line.

Where the celebrations include parades, the drycleaner should enter a float, either related or unrelated to his own business. Frequently some employee of the plant will be found to have a good deal of talent for designing this sort of setup.

One enterprising drycleaner took advantage of a small-town "Santa Claus" week by importing a "Mrs. Santa Claus" whose arrival by train was well publicized and attended, and who spent the week at the plant distributing free gifts to children.

Frequently a drycleaner has a hobby which can be used to advantage for publicity purposes. A New Orleans cleaner who collects antiquated autos, for example, keeps them in running condition and not only uses them for publicizing his own operation but lends them to other organizations.

While delivery by plane has its practical aspects in some sparsely populated sections of the country, the inauguration or any special use of such a service by a plantowner-pilot could readily be made the subject for a newspaper story.

Employee sport teams, such as softball, bowling, basketball, are usually organized for other reasons, but their games present one of the few opportunities for repeated publicity as compared to the "one-shot" aspect of most publicity stunts.

The publicity-conscious plantowner can think of many other occasions for publicity, not necessarily of a stunt or tricky nature. He should inform the local papers of anything special he does for employees, such as parties or picnics, distribution of bonuses or awards for long service. If one of his employees wins the award of a community organization for safe driving or courtesy, he can note that fact in his advertising. Plant improvements or installation of new equipment can be publicized. If he does an unusual cleaning job—on something very old, rare or fragile, or perhaps furnishings of a prominent local institution, or costumes for a visiting theatrical company—that would also justify a call to the city editor.

While publicity stunts are by no means a basis for a sound sales program, they can be used advantageously for occasional supplementary promotion. The drycleaner can, usually at small cost, capitalize on opportunities for publicity to call attention both to his business and to his position as a public-spirited member of the community. # #

Spectacular stunt opening of Chicago's Carl Stockholm Cleaners was well publicized in local press, drew heavy crowds

DRIVE-INS

THE miners are being put out of business by John L. Lewis, as coal is being replaced by oil and gas. In like fashion the present trend back to routes might be reversed with the aid of drive-ins if the drivers' unions persist in the fantastic greed exhibited in some sections of the country.

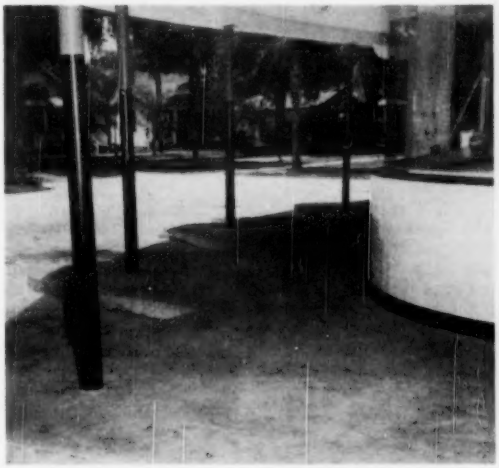
There is no doubt that a plant store, whether drive-in or not, is the least expensive outlet for receiving and returning drycleaning. To date the consensus appears to be that branch stores of all types tend to be more expensive than routes to operate. But among the better managers the margin is so small that it won't take much to push the route costs up above store costs. It is not so well understood in the East that a principal reason for the development of drive-ins on the West Coast has been the stranglehold the teamsters unions have in many sections out there.

Drive-ins attract each other. In nearly every instance, if there is one successful drive-in drycleaning plant or store in a town there will be several. Part of this, of course, is because conditions good for one are likely to be good for all. But customers become accustomed to the idea, in this age that is seeing the development of drive-in supermarkets and suburban shopping centers.

When a branch is replaced by a drive-in in the same locality, volume generally increases from 50 to 300 percent. This is not all gravy because costs usually go up 50 to 150 percent. With the added volume, however, it becomes easier to rotate the help and keep them productive.

Because they don't have to lug them more than a few feet, customers will bring bigger bundles as well as household work that didn't find its way to the sidewalk stores so often. For the same reason drive-ins generally show less fluctuation in volume from day to day because of the weather.

In many cases the plant trucks can bring back and pick up a complete load in one stop, spreading out the handling costs much thinner than with the sidewalk stores. Also they won't have trouble getting close enough to the store to unload and load quickly. As a matter of fact, one plant doesn't have a garment leave a slick-rack between the bagger and the customer, thanks to flexible bridges at plant and store that fit to the truck racks.



Notched curb for individual car parking is unusual feature of drive-in of Garland Cleaners, Orlando, Florida. Doors at either side of curved window, which is used for department-store display. Canopy gives shade

"This ain't no drive-in, lady!"

Drive-ins do not have to be on main arteries. In fact, fast or heavy traffic may be a deterrent to a lot of potential customers. One of the most successful drive-ins in the country is Criterion in Kansas City, Missouri, which is between two traffic arteries that are only a few blocks apart where the plant is situated.

Carhops, carefully trained and organized, can speed up customer turnover about 50 percent, are expensive unless used at rush periods only. Combined with conveyors and intercommunications units in the larger stores customers can really be handled on a mass production basis. We expect to hear of a drycleaner equipping his carhops with walkie-talkie units any day now.

The use of carhops brings out the point that drive-ins lend themselves much more fully to showmanship than do regular stores. The space is always much larger, the building bigger with longer show windows, and the location is more likely to be exposed. Also the drycleaner being more likely to own the property or else hold it on a lengthy lease, will be willing to spend more on decorating and illuminating.

Drive-ins are proving the answer for cleaners who missed out on nabbing a lease in a neighborhood marketing development, or found it too expensive. One of the best possible locations can be on the fringes of such a development. # #

STORE WINDOWS

A TRAFFIC survey made by the General Electric Company showed that of every 100 main-street pedestrians, 14 looked at the average store window. They just *looked*—the survey did not say how many stopped or how many were tempted to go in. Also, it covered the *average* store window. For the most effective use of the sales medium of store windows, the display must be so far above average as to attract a higher percentage of lookers, stoppers and buyers.

Practically every drycleaner has some window-display space available at his plant store or branch stores. Most modern stores have plate-glass windows, many from sidewalk to ceiling. Whether the window is small or large, single or double, it can be a highly successful method of sales promotion, both immediate and long-range. It can impress the public with the high caliber of the firm and its work or it can sell a particular service at a particular time. It cannot be overemphasized that the windows and everything in them must be kept immaculate.

Signs and Posters

Too many drycleaners have a limited idea of window display, consisting of plastering the glass with signs, or cluttering it with overlapping posters and leaving them there until they become faded, flyspecked, out-of-date and a direct contradiction of the high-class cleaning they claim to advertise.

Whether window signs are used or not depends to some extent on the type of operation. The big chain whose main selling appeal is price may find it desirable to cover the expanse of plate glass with a multitude of signs giving in large figures the prices of the various services. At the other extreme is the elegant society cleaner who would put nothing in his window beyond a chaste bowl of gladioli. Between the two extremes there is room for a wide choice in the planned use of signs as well as other types of display.

Window signs should be placed so as not to obscure the firm name or any display. A discreet use of signs by a Midwest cleaner is a colored streamer in the center of each window giving the firm slogan, large enough to be seen but small enough to leave the window clear in effect.

Posters used in the windows should be placed not haphazardly but according to a plan. Wooden frames specially made for posters are available from poster supply firms. If the posters supplement displays, they should be at the sides or somewhere else where they will not obscure the main attraction. The unpardonable sin of window display is overcrowding.

There seems little point in cluttering the window with posters saying, "We Do Beautiful Drycleaning." Their most advantageous use is to call attention to price specials or sidelines, to let the public know you store furs, for example, or do alterations—assuming that you do. The writer once asked for alterations service advertised by a poster, only to be blandly told, "We just put that in the window because it sounds good." Sideline and specials posters should be coordinated with other promotion media.

Occasionally window posters of an educational nature are used. Sometimes these are available from local associations. Recently, for example, a group supplied its members with posters warning about leaving lipsticks in pockets and with a little dissertation on lipstick stains. One drycleaner has fabric bulletins from his state association blown up and made into posters.

Posters should be changed frequently—to keep up with the seasons, to keep them looking fresh, and to get passers-by in the habit of expecting to see something different and so looking at the window every time they pass.

Stock posters are available from poster supply houses at a modest cost. Window cards or signs can be made up to order for a small fee by a local signpainter. Posters should be in clear, attractive colors, preferably illustrated, with legible type and not too much copy to be taken in at a brief glance. A touch of humor will usually attract more than average attention.

Window Displays

Unlike retailers, the drycleaner has no merchandise to display. It would seem natural to show drycleaned garments but the owner of the best-looking dress in the plant might want it immediately, or she might object strenuously to having it exposed both to sun fading and the public gaze. This difficulty may be circumvented by borrowing garments from local retailers and displaying them on mannequins, with a little card stating their source.

Certain sidelines lend themselves better than garments to display, such as blankets, small rugs, cellophane-wrapped sweaters or shirts, toy animals. Household cleaning might be promoted in a small window with a display of a miniature room with all the furnishings. Water repellents are especially adapted to a demonstration type of display, ranging from a setup with water dripping onto a treated raincoat and leaving it dry, to the animated duck on a pond used by one cleaner, with the "rolling off a duck's back" theme.

All displays should have a theme of some sort. Here the seasons and holidays play an important part. Easter just asks for flowers and the somewhat overdone bunnies; early fall for back-to-school promotion, with blackboards or little red schoolhouses; Christmas for all the familiar trimmings. A little fabric exhibit might be set up at any season, or a scientific-looking array of spotting agents in test tubes or laboratory jars with an explanation of what they will and will not do.

The display need not be directly connected with drycleaning. For building goodwill it may be tied in with community activities, such as local sports events, Red Cross or other charitable drives.

Animation in a window display adds to its drawing power. Moving figures or cutouts powered by a small electric motor can be devised to illustrate almost any theme. Even motion pictures or changing slides, possibly taken in the plant, can be used.

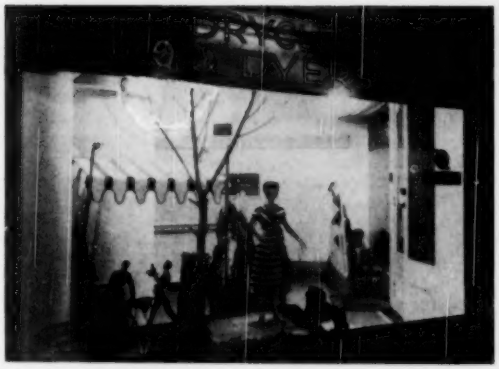
The attraction of a display will also be enhanced by lighting. Moreover, illuminated displays will have a wider audience since they will also be seen at night;

lights are generally left on till midnight. Floodlights may be set up at the base of the window or at the sides, or indirect fluorescent tubes above or around the windows may be used, or a combination of both.

A permanent type of window display is increasingly used by a number of drycleaners, particularly those who have large window expanses. That is a view of plant operations from the street. Synthetic cleaning machines are often set behind the window. Sometimes the finishing department or the alterations department is featured. It goes without saying that when this is done good housekeeping is absolutely vital. Also, the operators in view must be neat and clean in appearance and brisk in their movements. Nighttime lighting of the equipment that can be seen is also desirable.

Materials for display may be purchased from supply houses or they may be dug out of the attic, depending on their nature. Whatever the display, it should be changed at least once a month if not more often.

In most fair-sized towns window dressers are available who can be hired on a contract basis, if the plant does not have an executive or employee with sufficient talent to think up and put on a professional-looking display. One person, probably the sales manager, should take charge of displays and plan them long in advance, taking into consideration all service promotions, seasons, holidays and special local events.



Window of New Zealand cleaner effectively uses cut-outs to tie in idea of fashion and Paris street scene with drycleaning as style preserver

The returns from store-window promotion cannot be precisely evaluated in figures. One thing is certain—if any specific display really hits the attention-getting jackpot, the drycleaner will hear about it from his customers and his friends; he may even make the news columns of the local paper. # #

STORE FRONTS

THE appearance of a store front is as important to the success of a drycleaning business as are a woman's face and figure to her powers of attraction. The store front is a continuous selling medium, on the job day and night seven days a week. It reaches everyone who passes the locality, has a cumulative long-range effect and can also get quick, direct results.

In planning a new store or a remodeling job, the factors to be considered are about the same, with the exception of choice of location. That is the first and most important question to be answered when a new store is under consideration. For a drive-in or branch in the suburbs or out of the main business section, it is desirable to be on a main traffic artery leading to the heart of the town, preferably on the right side of incoming traffic. A corner is always good, whatever the neighborhood or type of store. For stores in central or subsidiary shopping districts, the best location is where pedestrian traffic is heaviest, and preferably next door to a retail store which draws repeat customers—say a drugstore rather than an optician.

In commuting suburbs a site next to the railroad station is handy for customers leaving orders on their way to the city and picking them up on the way home. For quick-service specialists in a big city, there might be an advantage in locating near the main railroad station and in a hotel section.

One of the best locations is offered by the new shopping centers which are springing up all over the country. In many of these the drycleaner who leases space must agree to conform to the general style of architecture and to live up to certain merchandising and promotion standards.

With the location chosen, the cleaner, whether building or remodeling, must consider both the neighborhood and his clientele, and even geographic factors. A drycleaner, in many New York suburbs for example, might follow the prevailing imitation-Old-English architecture, which would be out of place in Florida or the Southwest, where a style cooler in both effect and appearance would be more suitable. The use of locally available building materials not only makes for harmony with the surroundings but reduces costs. Redwood has been used effectively by West Coast cleaners, whereas it would be both expensive and unsuitable in metropolitan Chicago or New York.

Be Distinctive

Even if the cleaner's store conforms to the prevailing architectural style, it must stand out from its neighbors and competitors. This can be achieved by color, such as dazzling white in drab surroundings, by unusual building materials, by unusual design. The store can also stand out by not conforming—by being the only modern store in an obsolete block, at least for a time, or the only homey-looking place in an ultramodern block. Whatever the type, it can stand out simply by being the best-looking store in its neighborhood.

In the case of multiple stores or plants, the fronts should be uniform so that the firm's outlets will be immediately recognized, with a characteristic color, signature and any symbol that may be used.

Most stores are now being built in a modern style, with wide use of plate glass which gives good display space, a view of the interior of the store and sometimes

of plant operations. In planning either a new store or a remodeling job, the exterior and interior should be considered as one architectural unit, in the same style and color scheme, with one complementing and calling attention to the other. Set-back windows, sometimes at an angle, and arcaded entrances lead the customer naturally into the store. Some stores have successfully used plantings both inside and outside a window to give an effect of continuity.

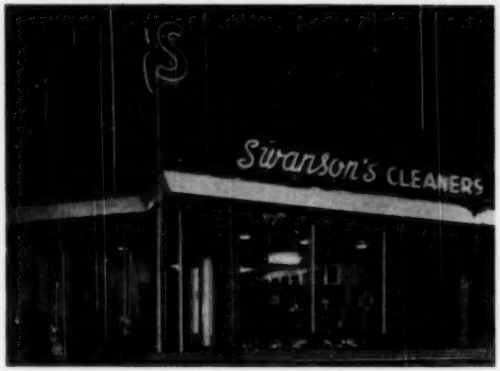
The use of illumination is discussed elsewhere in this issue. It should be pointed out that lighting is part of the architectural design and must be treated as such. The store should not be cluttered with signs, but those that are used should be of interest, with distinctive lettering or materials. Stand-out letters on roofs of one-story buildings have been effectively used. Lettering on the windows should not be so big as to cover a large part of the glass.

The cold, impersonal effect frequently given by modern architecture can be overcome by use of warm colors, contrasting colors and building materials, plantings of evergreen shrubbery or in suitable climates of blooming plants.

Functional features that add to the sales appeal of a cleaning store include electric-eye doors, a boon to parcel-laden customers. Bundle drops for night use, preferably illuminated, are particularly useful with a clientele of men and women who work by day. Another functional installation is a canopy or awning over the entrance for protection against sun, rain or snow. Windows set back from the sidewalk have the same effect, as the building above the setback acts as an awning.

Whatever the architecture, whether the store is an unpretentious little branch or a blockwide showplace, serving the "elite" or a mass market, it must be kept clean at all times. That means not only sparkling windows, but polished metal wherever there is metal, frequent repainting where material calls for paint, perfectly kept plantings if they are used, clean sidewalks. The most striking and attractive modern store front can degenerate in an amazingly short time into a shabby, rundown-looking shack if it is not consistently well maintained. Some one person should be responsible for maintenance, possibly the store manager.

While there have been examples of a few drycleaners who have been their own successful architects, for the vast majority the employment of a professional architect is essential. The cleaner can offer his ideas as to the type of store he wants and features to be included, but it takes a professional to consider all practical and design aspects, individually and as a unit. The contractor, too, should be consulted on such questions as availability, relative cost, durability and ease of maintenance of building materials, and such obvious points as heating, plumbing and lighting installations.



All-glass store front gives complete view of attractive store interior. Note how use of brick at corners and sidewalk level gives variety and warmth to glass expanse. Note also tasteful use of illuminated signs

All contracts entered into in connection with the building or remodeling should be carefully scrutinized by the plantowner and his lawyer.

It is obviously impossible to give any estimate of the costs of building or remodeling a store, since it may vary from a face-lifting job costing a few hundred dollars to a major project in six figures.

As to returns for costs, practically all drycleaners have reported satisfactory results, especially as a means of increasing the ratio of cash-and-carry volume to delivery. The industry is a rich source of stories of quick, cumulative and substantial volume increases due to remodeling of a store front. # #

Central DRYCLEANERS

ILLUMINATED SIGNS

VERY likely there is not a single cleaning plant in the country that doesn't have some type of exterior sign for identifying itself to the public. A variety of topics—the important but highly technical subject of architecture, for example—might be considered under a general discussion of methods for winning attention from passers-by. From the advertising viewpoint, however, promotion in this category consists mainly of illuminated signs and "eye catchers," such as thermometers and clocks. Advertising displays at the plant or store are particularly important, of course, in operations heavily dependent on cash-and-carry volume.

Today neon clearly dominates the field of illuminated advertising displays. The glowing tube is used to promote everything from the all-night diner to the funeral home. Fluorescent signs (commonly known as neon although technically neon refers only to the red-lighted tube) are available in virtually every color of the spectrum.

All illuminated signs are tailor-made jobs that require the skilled service of a reputable sign manufacturer. These companies will provide rough sketches, estimates, and information on local restrictions. Zoning ordinances in certain sections prohibit right-angle signs or other projection over the street.

In a complete plant modernization the design of the sign is usually included by the architect as an integral part of the new front. Under other circumstances, the sign manufacturer will lay out the display according

to the cleaner's wishes and budget. Obviously, the copy must be brief and in most cases will consist only of the firm name and possibly a list of services offered. If a plant has a distinctive signature, it should be built into the neon display.

Since neon signs are built to order, it is impossible to quote any price figures without complete details on the individual job. A skeleton gas tube for a window may be purchased for as little as $50 or $60 while a spectacular, complicated installation may run into the thousands.

Maintenance charges should be included in the contract signed with the sign manufacturer. The annual charge under this item may be computed at about 5 to 10 percent of the cost of the original installation. Electricity rates vary, of course, in different localities. An ordinary neon sign with six double-face letters eight inches high will draw approximately the same amount of power as one 150-watt incandescent bulb. Signs are lighted from transformers that range from 1,500 to 15,000 volts and deliver from 30 to 60 thousandths of an ampere. Power required depends upon the size of the sign and the gases used. A 15,000-volt transformer delivering 30 milliampere will draw 250 watts of current per hour.

In designing new plants, a number of drycleaners during the past several years have eliminated neon and shifted to spotlights which illuminate the entire front and reflect the firm name from the stainless-steel letters. The purpose of this is to gain a distinct appearance among the hundreds of neon fronts that dot the business district of every American city. Other cleaners have gained new effects with signs silhouetted against a reflecting background which is illuminated by hidden neon tubes.

Attention Getters

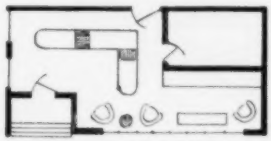
In a true sense there are only three things in which everyone is invariably interested: the news, the weather and the time. Few cleaners can afford to feature illuminated news reports, but they can catch public attention through clocks and thermometers.

Prominently displayed at the front of the plant, these devices are effective and not too costly. Prices vary, of course, but an average display thermometer with a firm name and a couple of words of copy in neon may be purchased for around $120. A number of companies specializing in this type of advertising sell their products with a one-year guarantee on the materials and a year's insurance policy against accidental damage. The insurance may be renewed by the cleaner at a cost of about $5 annually.

Clocks and thermometers are usually spotlighted or at least ringed with a neon circle. Sometimes it is possible to include a few words of advertising copy. One cleaner in New York, for example, has a thermometer installation with the firm name outlined in neon above and a slogan below, "Weather or Not—We're Still Here." In designing new plants, architects sometimes employ a clock or thermometer to add interest and animation to what might otherwise be a rather stark facade.

A West Coast cleaner who displays a clock on the front of his plant recently conducted a series of checks on passing traffic and discovered that one out of every two cars slowed down while passengers looked at the clock. In one out of four instances at least one person looked at his own watch to compare it with the big electric clock. Certainly this must be considered as a high attention dividend from a somewhat modest promotional investment. # #

STORE INTERIORS



THE drycleaner's store interior, like the store front, is one of his most vital selling media. Unlike the front, it reaches customers rather than prospects, and can be designed and decorated with the idea of holding customers, making irregulars into regulars, and selling more services. Thus, emphasis should be laid not only on attractive appearance and a general impression of cleanliness and quality, but on functional features—ease of serving customers, comfort for waiting customers, facilities for display of various types that will sell sideline services.

As suggested in the chapter on store fronts, either in building or remodeling the front and interior should be considered and planned as one harmonious unit, architecturally and in decoration and color scheme, with the style chosen in conformity with the cleaner's neighborhood, type of customer and climate.

Decorative Features

The designer of a store interior these days has an ever-increasing choice of materials for walls and fixtures—woods in every conceivable light and dark finish, which may be effectively combined, composition boards that may be painted or papered, plastic finishes for counter tops, plastic simulating cloth or leather for padded counters and chair upholstery, glass brick of several types, as well as a wide variety of ceiling and flooring materials.

The choice of material will depend on the amount of money the cleaner wants to spend and the style of the store. There should be enough contrasting materials and colors to be interesting, not so many as to give a spotty effect. Warm colors will overcome a cold, dark store; cool colors will be most effective in a warm, sunny location. Climate must be taken into consideration, too—a terrazzo or stone floor of some type would be good in an all-year-round warm climate; in other sections inlaid linoleum or asphalt tile in harmonizing colors and design would be preferable. In choosing decorative materials their maintenance qualities should be given consideration.

Some cleaners vary the usual wood paneling with murals, either painted or photographic. Those who want to get away from a cold, impersonal effect will sometimes use wallpaper, which nowadays has sufficient rarity to attract interest. Growing plants and upholstered chairs will also add to a more homelike effect.

Lighting, both for purposes of illumination evenings or on dark days and for emphasizing display, must be

structurally planned. Many plants combine fluorescents with indirect neon tubes, sometimes under molding at the top of the walls.

Whatever the decorative scheme, it is important to avoid a cluttered or overcrowded appearance, even in the smallest store. There must be enough clear room for the number of customers who may be expected during a rush hour.

Here as in every other physical promotion medium, perfect cleanliness must be maintained. The store manager or store clerks should be responsible for seeing that counters and floors are clean, furniture dusted, plants watered, and every other detail of the store absolutely immaculate.

The most important functional feature of the store is, of course, the counter. The material for the top should be easy to clean, preferably with one of the finishes that is impervious to cigarette burns and scratches. Most counters are designed with a few recessed inches at the bottom to avoid scuff marks and to give the customer some place to put his feet when leaning over it. Frequently the counter is also slanted; that is, narrower at the bottom. A few modern stores use bar-type stools at the counter.

Note slots in counter with hanger bars for delivering finished work. Note also clear counter; curtains used as sideline-selling display

For ease of serving several customers at a time, and so that garments and bundles need not be lifted over the top, counters are now frequently designed in sections, with spaces or slots between sections, either to the floor or almost to the floor. A rail or hanger hook at each slot permits hanging the garment to be delivered. These spaces are also convenient for passing in laundry bundles, if the plant offers that sideline. Hanger hooks are usually provided, with any type of counter, and baggers if the garments are bagged at the counter. In some stores each section of the divided counter has its own cash register for quick servicing.

Especially where marking is done in the store, a second consideration in counter design is to keep marking clutter off the counter and out of the customer's sight. Sometimes this is done by building drawers and shelves into the back of the counters for keeping marking supplies. Sometimes there is another, usually smaller, counter in back of the customers' counter, devoted to marking. Frequently provision is made for dropping garments through a chute, usually unmarked garments going to the marking department.

Ready garments, whether or not on display in glass-front cabinets, should be within quick reach of the counter girl. Some plants have gone so far as to carry their conveyor systems into the store. This is usually done in connection with an intercom or telautograph system. Orders are called in or written on the telautograph at the counter, filled from the back of the plant, and appear on the conveyor with a speed that makes a highly favorable impression on the customer.

Customer convenience can also be served by providing chairs, tables for those who have to wait, possibly desks for check writing. Particularly in noisy streets and small crowded stores, a soundproof ceiling is desirable. Provision of air conditioning and heating in the proper seasons also keeps customers coming back.

For stores featuring press-only or alterations, it is desirable to provide a dressing room, equipped with a full-length triple mirror. If waiting is involved, the room might have a small table furnished with an ash-tray and a couple of current picture magazines. If there is no dressing room, it is not a bad idea to have a full-length mirror somewhere in the store—nobody can resist taking a look. Besides, a mirror or even a mirrored wall in a narrow space will give the illusion of width.

Selling Displays

The store interior offers a number of different opportunities for display. The most apparent is the display of finished garments. Some cleaners prefer not to have these visible, and either have solid-doored cabinets or keep them behind the store. But where garments are delivered unbagged or are bagged at the counter, a lineup of fresh-looking, clean garments in glass-doored cabinets will in itself be a selling feature.

Some cleaners have glass circles or ovals built into the front of counters, with indirect lighting, for displaying on shelves such items as sweaters, hats, gloves or any other small attractive specialty. When racks are visible from the street through glass windows, the best-looking and showiest garments may be pushed up to the front and spotlighted for a nighttime display.

One "display" feature that has proved highly successful in selling storage is the presence of a bank-type vault door in the store so that all customers see it, know that the plant offers storage, and are impressed by its solid and safe appearance.

Signs and posters, as well as other features of display space, should not be plastered around indiscriminately but should be planned as part of the design of the store. Frames, niches, recesses for posters, garments or accessories of different types provide a neat and attractive method of display, particularly with indirect lighting or spotlighting. Some stores effectively use cutouts illustrating different services over the storage racks or around all walls, with concealed lighting to make them stand out and give a third-dimensional effect.

One cleaner advertises his sidelines by "suggestion"—fur garments on consignment are displayed in lighted niches, framed pictures and photomurals show winter scenes. He also specializes in slipcover cleaning, and advertises it by changing the slipcovers weekly on upholstered chairs in the store, with a sign to call attention to the service.

Another type of display features the plant or some department of the plant which may be seen through glass partitions. Frequently synthetic machines are set up right in the store. A good many cleaners have greatly increased alterations volume by moving the alterations department right up into the store or having it visible behind a glass partition.

Many of these types of display are structural features of the store, planned once and, barring further remodeling, requiring only upkeep. Others, like sideline posters, require the same kind of sales planning, supervision and coordination with other media as any other type of promotion. Like posters in other locations, they should be changed frequently to tie in with seasonal or special selling campaigns. # #

TRUCKS

EVERYBODY in town sees the drycleaner's trucks, and practically everybody is either a customer or a prospective customer. The appearance of those trucks determines to a large extent the impression the community will get of the drycleaner's service. A good-looking, clean, well-kept truck is the cleaner's best advertisement; a dirty jalopy with dented fenders and a cracked cab window is a "Keep Away" warning.

Where there is more than one truck, uniform appearance is a valuable public identification. The original choice of color depends largely on taste, but where the firm uses a consistent color scheme in other promotion media, it is desirable to repeat it on the trucks. Also, where a distinctive firm signature is used, that, too, should be reproduced on the truck, together with the address. The value of giving a phone number is dubious, since it will not be remembered from a passing glance unless it is as unforgettable as 1234. Any distinctive slogan or trademark used by the firm should also appear on the truck, carefully avoiding a cluttered appearance. Lettering should be in a clear and distinct type, large enough to be legible from a house window.

Some cleaners use signs or posters on their truck panels to advertise specials or sidelines. While posters undoubtedly attract attention they also detract from the appearance of the truck and give a somewhat undignified impression. The type of customer to whom the plant caters might determine whether or not the use of posters is desirable.

Signs advertising special services may be paper posters pasted to the truck panel, with care taken not to obscure the lettering. Sometimes stiff signs are attached to the truck top where their attention-getting value is highest. A Southern cleaner who promotes a night pickup-and-delivery service uses an illuminated truck-top sign. An interesting possibility for truck lettering is the new Scotch light—the letters reflect light from passing cars or other sources and attract attention in the dark without being gaudy or glaring.

The use of two-way radios for speeding up delivery-and-pickup service is not strictly speaking a promotion medium. However, if the firm has such an installation on its trucks it should make the most of its investment by publicizing it through whatever sales media it uses. The two-way truck radio is still sufficiently new and rare to have a high value as a conversation piece promoting word-of-mouth advertising.

A sales-minded Western drycleaner installed in one of his trucks, in addition to a two-way radio, a loudspeaker through which the driver broadcasts the firm's radio programs, picked up from the truck's radio. He also broadcasts special music records which incorporate brief plugs for the drycleaner.

While this cleaner reports excellent results from the sound truck in building up weak routes, some question arises as to whether the attention value might not be offset by the nuisance value. Anyone who has suffered through a hot political campaign featuring rival sound trucks may be somewhat skeptical of the sales value of a loud and inescapable noise. The sound truck of this cleaner does have goodwill value in that it is lent out for such community occasions as school games, picnics and meetings.

A "must" for getting the greatest sales value out of trucks is regular and complete maintenance. Apart from mechanical maintenance for efficiency, from the promotion angle this means that trucks must be washed daily, that they must be repainted at regular scheduled intervals, that lettering must be repainted or freshened up at less frequent but also regular intervals. Scratches should be repaired and dents straightened out before the truck is permitted to appear in public.

The extra cost of a good truck, of good appearance and carefully maintained, against that of a broken-down, ill kept vehicle, is offset by the fact that regular maintenance lessens depreciation. # #

UNIFORMS AND BADGES

A SELLING medium that would appear to be a natural for a drycleaner is one that very few utilize. In this respect the laundry industry is way ahead of the drycleaners, many of whom permit their routemen to enter customers' homes looking like deck hands on a garbage scow. Even a one-route plant can afford to furnish a neat, attractive driver's uniform and keep it cleaned and pressed.

Besides the advantage of a uniform giving the routeman a well groomed look supposed to be representative of drycleaning, the firm name neatly inscribed on the pocket or cap or both identifies the driver immediately. This is especially important when the routeman is soliciting new prospects. A housewife is far more likely to open her door to a uniformed man identified with a reputable firm than to a nondescript or untidy stranger in shirtsleeves or a grimy lumber jacket and wrinkled slacks. Identification may also be made by having the firm name on the driver's tie.

Outfits may be chosen in colors to harmonize with or match the color used on the firm's trucks. Obviously, uniforms must be kept clean and pressed at all times, with maintenance provided by the employer. Arrangements for payment for the uniforms range from the

employer carrying the entire expense to his paying half and the driver half.

A more direct selling medium is the wearing of a badge, like an oversized campaign button, by the routeman. These badges have been used with special success in promoting sidelines. The badge should be large enough, up to four inches in diameter, so that the imprint is legible at a glance.

A West Coast drycleaner putting on a storage campaign had his routemen wear badges inscribed "Ask Me About Our Fur Storage." He found that practically all customers did ask, and a large percentage of them sent in storage. In this case, the badges were backed up during the campaign by small newspaper ads showing a picture of a different routeman each week, giving his name and stating that he was trained to handle fur coats and answer storage questions.

While this cleaner used other and more expensive sales media, he reported that the highest returns came from the least costly, the badges backed by the small newspaper ads.

Instead of mentioning the sideline being promoted, the badges might simply read "Ask Me" or some other provocative message to attract the customer's curiosity. Almost anyone will ask, and the answer to a question put by the prospect himself is more convincing than a sales talk delivered with no introduction. # #

"I've seen broken arms better dressed!"

PACKAGE INSERTS

SUPPLEMENTING packaging as a promotion medium is the use of package inserts. Like packaging, inserts reach present customers, but can serve a more direct advertising purpose. They can be used most advantageously to advertise sideline or special services and are thus aimed at not only keeping a present customer, but increasing the size of his order.

Package inserts advertising sidelines should not be used haphazardly but should be carefully planned to mesh in with other phases of the promotion program. For example, if the plant is pushing hat cleaning in early fall in its newspaper or other advertising, the package inserts at the same period should call attention to the firm's hat cleaning facilities. From time to time a certain sideline might be promoted only by package inserts so that the plantowner can get a direct check on returns from that medium, but as a rule coordinated advertising is more effective.

Another important use of package inserts is to point up the service rendered on the garment being delivered. If, for instance, the firm does free mothproofing, an insert could be enclosed saying in effect, "This garment has been mothproofed at no extra charge." In the same way, a button card might call attention to the replacement of the button at no extra charge. Some drycleaners use cards listing possible free repairs and checking those that have been made.

An extension of this idea is the use of cards suggesting further services on the delivered garment. The repair card, for example, might also list various paid repairs, with those that are needed checked off, possibly with an estimate of the cost. This type of insert has proved very successful in building up paid repairs. Package inserts at the beginning of the summer or winter storage season might suggest storing the garment at the plant's vault, either for protection of winter garments or for space saving on summer garments.

The package insert of the "This spot cannot be removed" type has been somewhat overworked and has a negative effect on the customer. However, this can be counteracted by putting it up to him. One cleaner, for example, attaches a button card to garments that require wetcleaning. One side of the card explains why wetcleaning is necessary, describes the process and the possible risk if the garment will not stand water; the other side states that the garment needs wetcleaning and asks the customer's authorization.

Another type of package insert now coming into wider use is the educational material which is being distributed by the National Institute of Cleaning and Dyeing and some state and local associations. Each of these inserts takes up some aspect of unserviceability. They advise the customer of pitfalls to avoid and what to look for in buying clothing and household fabrics.

If the drycleaner or his sales manager does not want to take the time and trouble to prepare the copy, inserts covering most sidelines are commercially available at small cost, printed with stock copy, with or without the firm's imprint. Manufacturers of such products as mothproofing and water-repellent compounds usually supply suitable package inserts free to their customers.

Package inserts may be placed in pockets, attached to buttons or to hanger hooks, fastened to garment bags or hanger shields. Package inserts sent out to all customers with all orders can be fastened, according to instructions, by the bagger. An inspector should decide when and where to use inserts calling attention to needed repairs or asking authorization for wetcleaning or any other processing to be done at the customer's risk. # #

PACKAGING

WHILE the primary purpose of packaging is protection of the finished work, it can serve at the same time as a selling medium. Packaging promotion is a continuous process, with an indirect and long-range effect, difficult to evaluate but psychologically important. It can be used by any type of plant in any community, except those low-price cleaners who do no packaging at all.

Possibly the greatest appeal of attractive and distinctive packaging is in the higher-income market, for higher priced services. Where a two-price plan is offered, fancier packaging is one point of distinction of the luxury service and justifies, in part, the higher price.

Packaging as a promotion medium is, of course, aimed at present customers, although it also reaches noncustomers as when a housewife sees a handsomely bagged garment being delivered to her neighbor. Keeping old customers is, however, just as important as getting new ones and less expensive per customer. Also, satisfied regular customers are the principal source of valuable word-of-mouth advertising.

One of the main functions of packaging promotion is identification. Concerns that make a science of promotion usually adopt a color scheme, firm signature and type of print which they use consistently in all advertising—from direct mail to truck panels. The customer or other resident of the community immediately recognizes any promotion of that firm, and through constant repetition gets the impression of an established, reputable business. For this reason the firm-identifying signature, lettering and color scheme are usually used on garment bags and any other types of packaging.

A second important use of packaging promotion is to keep the name, address and telephone number of the drycleaner easily accessible to the customer. While garment bags are not usually kept for long periods, other packaging accessories are, such as hanger bar covers and shields, wooden hangers, tie holders, hat or glove bags, boxes used for household items. The imprint on this packaging thus provides the customer with a telephone number so handy that it is easier to call it than to look up the number of a competing cleaner.

Another important selling function of packaging is to give an impression of quality. It is *not* a substitute for quality, but an attractively imprinted garment bag or drapery carton, a cellophane garment bag, a cellophane-enveloped sweater or gloves, gives the finishing touch to a quality job that eventually makes a highly favorable impression upon the customer's consciousness. The use of imprinted tape for tying up folds of draperies, waistlines of formal gowns or other purposes not only adds a packaging refinement but provides another opportunity for giving the firm name and address.

Packaging may also serve some more direct promotion purposes. Garments delivered from storage in "mothproof" bags are a constant reminder of the cleaner's storage service, as well as a sort of premium. Garment bags and other packaging items are occasionally used to advertise special services. One drycleaner varies his garment bags according to the sideline he is pushing at that season—an upholstery pattern for household work, snowflakes for fur storage, etc.—both to stress the sideline and to arouse the customer's interest by the monthly changes in the appearance of his packaging. Drycleaners who offer shirt laundering can use the shirt bands to advertise other sideline services.

Since in most cases the imprint on drycleaning packaging is simply a name and address, there is no work or cost involved in the preparation of copy. Thus, unless the drycleaner engages a designer or artist to create the original pattern, no special personnel or professional services are required to use packaging as a selling medium.

As packaging is used in any case for protection, it may be difficult to decide where production cost ends and promotion cost begins. The promotion cost may be figured by subtracting the price of plain packaging from the cost of imprinted packaging and such fancy items as cellophane bags. # #

PRICE SALES.... PRICE CUTTING

THIS is the chapter that should open with an explanation of break-even charts! However, that can be found on page 94. Here we will only hint that a price sale or price cutting isn't so much like dynamite as it is like the fulminate caps that set dynamite off. You can abuse dynamite in comparative safety, but fulminate caps go off at the slightest excuse. Just as a change in humidity or temperature will make fulminate critically explosive, so will a price-cutting policy work successfully several times, then backfire disastrously under only slightly changed conditions.

There is only one real reason for a price cut right across the board. That would be because you have priced yourself out of the market and find you must come down to where more people will be willing to buy. If competitors are consistently cutting your throat with considerably lower prices, then you must be trying to sell a carriage-trade service in a price-conscious

market. Or else you aren't convincing people that the extra quality you give justifies the higher price. Which leaves three alternatives: a lower price, improved quality, or better salesmanship.

Many drycleaners regard price cutting as a cardinal sin in the drycleaning field, but they won't hesitate to shop for cutrates among the allied trades, or in their personal shopping. It is this eternal price consciousness that makes the American dollar stretch so far in terms of standard of living.

The real cardinal sin of price cutting is to drive the price below the point allowing reasonable profit, ample depreciation, good wages and comfortable working conditions, all combined with an honest deal for the public. When a cleaner prices below that point he's bleeding to death! It's time for him to check up on his methods instead of his prices.

A price cut, to be effective, must be substantial. A good aggressive selling firm should be able, in the drycleaning field, to compete with services priced as much as 10 or even 15 percent below its own figures. This is particularly true of special sales involving price cuts either on certain items or across the board.

Frequent cut-price sales actually create a lower base price in disguise. A man who calls himself a $1.25 cleaner but consistently runs all kinds of specials at 99 cents or small pieces at 59 cents may actually be a $1.10 cleaner. That's all right if he knows what's happening to his costs and profits at the real base price! But this means that if a drycleaner wants to sell on a price basis he must set up his budget based on the true price level. Then he must compensate for the amount he intends to whack off in cutrate sales by adjusting his proclaimed base price above the true base price.

Besides inviting a price war that might pick him clean a drycleaner has his reputation to protect. He runs the danger of driving himself into a lower and different market in which he isn't equipped to compete. The Vancouver market survey inquired how many people were satisfied with the price they paid at different price levels. The number who thought the price was too high decreased at each lower level, with two exceptions. At the two lowest prices the number of dissatisfied persons jumped very high.

It is safe to assume that a drycleaner in the average quality market would knock his brains out trying to build permanent business at the bottom prices because his quality has only secondary appeal. Likewise, the snob market that gets suspicious of anything under three bucks will look down its collective nose at price specials of any kind. Then, too, just as the customer of the 29-cent chain learns that very few dresses qualify as "plain dresses," so the steady customers of plants running specials become accustomed to waiting for the specials to clean up their wardrobes, instead of sending the stuff in when it gets dirty.

"How are your claims?"

Price Sales

To reduce the loss of dollar volume to regular customers, and to build the size of orders, the practice is to cut a price drastically under certain conditions. This enables the cleaner to keep his true base price higher and still use the economy lure. Such conditions would be "two for the price of one" or "three for the price of two" where all the pieces are alike (i.e., all skirts or all sweaters). "Two for one" is usually restricted to one or two types of garments, whereas "three for two" may apply across the board.

This does result in bigger orders, but not necessarily greater dollar volume or even piece volume. It causes families to accumulate clothes before sending them in, or else families may combine to take advantage of the specials. Volume in the items featured in the specials drops below the general averages following the sale. If a different item is featured at that time to offset the drop in the first items, its peak will also be followed by a lull. So the drycleaner winds up with a volume that is fluctuating violently in the balance between the various types of garments—something of a strain on the production department!

Price specials are primarily a weapon for stores, something to induce customers to make the effort to bring work into the stores. Even so, operators who keep tabs say that the weather still has considerably greater effect on total volume than do most price sales!

To the call-and-delivery plant, price specials should be strictly a door-opener for the routemen or solicitors. At the same time care should be taken that the sales personnel isn't permitted to think that price specials should do all their work for them. The tendency to quit trying if the price doesn't appeal is very hard to overcome.

As an aid to the production department in balancing out lots throughout the week, it may be advisable to offer "week-end" discounts for drycleaning picked up or brought into the stores on Thursday, Friday or Saturday. Here again one eye must be kept on the ratio between the savings in production cost against the reduction in the true base price.

There is one other place for the price special—drawing out-of-season work. Blankets in August, slacks in February, panamas in December, Santa Claus suits in June! This volume can be handled at cost, if necessary, because it helps keep the labor force up to full strength and cut the overhead—and because it's extra *it doesn't cut that true base price* we've been talking about.

We'll close this chapter with an anecdote about how a hard-bitten Middle Western drycleaner claims he survived vicious price wars during the depression. He stuck to his dollar price on ladies' garments and charged his ups on the pleats and frills same as ever, but he'd meet the competition on men's suits every time. Seems the women could be sold that they didn't want *their* beautiful dainties messed with by those cutraters. Since they didn't give a darn how hubby's rags were treated, our friend was getting business right through the depression! # #

TWO- OR THREE-PRICE PLANS

MULTIPLE price plans are not for the drycleaner who can't make lot systems work in his plant. They are not for the man who says it's all the same drycleaning with only different packaging. But for the man with good control in his production department and a well trained sales force the multiple price plan is very effective in getting the most business out of a limited area.

One method of dual pricing is to operate under two different names. A high-price quality plant may have to meet sharp competition by opening low-price stores under a different name; different because the owner doesn't want his quality reputation associated with price cutting. On the other hand, a drycleaner in the workingman's section of a large city who needed to spread into the wealthier part to add volume might find his low-priced reputation a handicap. Then a new truck with a new name and a uniformed driver can safely start building a quality route. (In the state of Virginia every outlet must bear the name of the plant where its drycleaning is done.)

The other method of dual pricing is to have two or even three services under the company name. These will be: the company's regular service which it feels is preferred by most of the drycleaning market; a streamlined service permitting the lowest possible price; and a complete service with all the frills the plush group is willing to pay for. Usually it's the man in the middle that moves one way or both. Occasionally the low-price man moves onto the middle level to reduce his customer turnover. Occasionally the exclusives add the middle service to carry overhead and route costs.

The choice of names in all services tends to be confusing: the cheaper service used to be "economy," "Scotch" or "thrifty"; then the "regular" might also be "standard" or "premium"; while the top line was invariably "quality" or "de luxe." Now all lines get flossy names in the same fashion as automakers name their series of cars. To instill the idea of quality at low price the bottom service now is named after flowers or given some name with a stylish connotation such as "Yardley" or "Windsor." The standard service becomes "Guaranteed," "Texturized" or "Certified." Then the flower reappears at the top with "Orchid," "White Rose," etc., to compete with "Blue Ribbon," "Gold Seal," "De Luxe," and even "Super de Luxe." One man we know of calls his standard service "Blue Ribbon" and his quality service "Gold Seal."

Economy service is what the laboring man, the clerical office worker, etc., is willing to wear. It includes machine cleaning with soap, steam and water spotting with acetic or ammonia if necessary, and machine finishing with practically no touch-up. No whites, pastels, sweaters or formals are usually done on this service, little or no wetcleaning, and only repairs to damages that might have occurred in processing. There is no packaging, and service takes a week.

Standard service is what the better paid white collar worker, business men and professional men's families will purchase. These garments are ready to wear without question—spotted, repaired, touched up, and wetcleaned if necessary. They may or may not be mothproofed or treated with bactericide. Silks and whites, at least, are bagged. Service is three days, or less if requested.

Quality service is the works! The best way to describe it is to reprint below the specifications established and rigidly adhered to at Spitzer Cleaners in Richmond, Virginia, for its Blue Ribbon Service:

BLUE RIBBON PROCEDURE

1. Routes and counter. Incoming Blue Ribbon service has to be put in orange bags.
2. Do not crowd the receiving bags, and do not put more than three garments in a bag.
3. Be sure the customer wants Blue Ribbon and understands its meaning. If there is any doubt give him a folder.

BLUE RIBBON PROCEDURE FOR MARKING DEPARTMENT

1. Blue Ribbon work is to be marked with orange boards daily, immediately following the specials.
2. All pockets are to be turned wrong side outward. Use "spotter's fold" for inspecting each garment. Look for rips, buttons, trimmings and unusual conditions.
3. Mark spots with tailor's chalk.
4. Note down results of inspections on sales ticket.
5. Where any major repairs are needed phone customer for permission to make them.
6. Check buttons and ornaments to see that they are firmly attached to garment. If loose, use safety pin and put in button bag.
7. If there is any doubt as to how garments should be handled put it in the button bag.

BLUE RIBBON PROCEDURE FOR CLEANING ROOM

1. Brush all pockets and cuffs to remove loose soil.
2. Prespot pockets and any other soiled portion of the garment.
3. Inspect for buttons and ornaments and special-attention tags.
4. If buttons and ornaments are loose have them tightened in the Sewing Department before cleaning.
5. Remove any ornament or button if there is any doubt of its ability to take cleaning.
6. Call the attention of the plant superintendent to any unusual condition if the cleaner is not absolutely sure of its necessary treatment.
7. Blue Ribbon items may be run with other loads in order to secure proper loads and classification.
8. If Blue Ribbon is run with other loads, the machine should be marked with a card indicating the number of pieces of Blue Ribbon.
9. All operation on Blue Ribbon *must be carried out by the cleaner himself.*
10. The fur-trimmed garments should have the fur removed by the Sewing Department so that the garment may be cleaned in the regular cleaning process and the fur drummed as we clean a fur coat.

BLUE RIBBON PROCEDURE FOR SPOTTING DEPARTMENT

1. Woolens are to be sorted and placed in the Silk Department on hangers.
2. When spotting check every item for rips and tears. Have repair made immediately before finishing.
3. All soil that is not removed from a garment must be called to the superintendent's attention and a card attached to it before going to the Finishing Department.
4. All wetcleaning is to be authorized by the plant superintendent.
5. Any condition that puzzles the spotter (or that the spotter isn't sure how to treat) must be called to the plant superintendent's attention.
6. Be sure that all labels are clean.
7. Whenever it is necessary to put water on any large proportion of the garment call plant superintendent. Measurements are to be taken by the Finishing Department before treatment.

BLUE RIBBON PROCEDURE FOR FINISHING DEPARTMENT

1. Check to find number of hangers needed for lot and secure them from Assembly Department.
2. All seams are to be finished flat.
3. Flies and plackets are to be finished smooth.

4. Before finishing skirts check to see if they have loops. If they do not have loops put in before pressing.
5. Do not finish any garment that is spotted or soiled in any way, unless it has an explanation tag on it signed by the plant superintendent.
6. Waistbands of trousers and skirts are to be finished smooth.
7. All pockets pressed.
8. All flap or other impressions of any kind are to be removed.
9. Skirts are to be finished on wrong side.
10. All linings are to be finished smooth.
11. WHILE FINISHING INSPECT EACH ITEM FOR NEEDED REPAIRS AND HAVE THEM MADE.
12. All sleeves are to be finished round.
13. When the lot is finished check with spotter immediately for any stragglers.

BLUE RIBBON PROCEDURE FOR ASSEMBLY DEPARTMENT

1. Finishers are to be checked by the inspector.
2. The inspector is to check for button tags and send these items to the Sewing Department.
3. When the lot has cleared the Sewing Department have inspection made by the plant superintendent.
4. Assembly is to be made by the inspector.
5. Shoulders and sleeves are to be padded with tissue.
6. Lapels are to be pinned in place.
7. Close all zippers and button all buttons.
8. Attach Blue Ribbon trademark tag.
9. Box all sweaters, jerseys, etc.
10. Have plant superintendent check package.
11. Bag and put on plant or delivery lines.

Specifications vary widely with local conditions and degree of competition. Speed of service and degree of packaging particularly depend on what the market seems to demand, or competition is willing to give.

Rarely does a drycleaner obtain equal volumes from each of multiple services. A typical three-price plant obtains roughly 15 percent each in dollar volume from its economy and quality services, the other 70 percent from the standard service. Its prices are 89 cents, $1.15, and $1.50 respectively for suit or plain dress, in a medium size industrial city completely covered by the company. A two-price firm with an excellent reputation for its standard service at $1.25 gets 15 percent of its volume in a de luxe service at $2.50.

We repeat the warning at the beginning of this chapter. You must have control in your plant to make the multiple price system work. If it doesn't work, if confusion or doubtful differences in standards exist, it's management's fault.

There is one thing about having at least a token two-price plan. In the last war the drycleaners who suffered least weren't caught with their prices down. Best off were those with two-price plans, who let the cheaper service slough off as labor got dearer. # #

QUICK SERVICE

THE hidden benefit of quick service to a drycleaner is the steady pressure it applies to keep the lot systems working and to keep the stragglers moving. Because performance, having the garments ready when promised, is the backbone of quick service.

All drycleaning plants have a quick service—that is, they will try to get out an order in a hurry if a customer requests it urgently. But not all plants make advertising capital out of it. High-quality plants are sometimes afraid the customer will question their quality if they return a garment too quickly. Other drycleaners are afraid too many customers will want the quick service.

However, a typical experience may be seen in a plant that gives one-hour service if requested, as well as same-day service, both for a 25 percent surcharge. Only four customers out of 341 requesting quick service wanted it in an hour. Moreover, nearly a third of the remaining 337 didn't call for the garments the same day, although they paid for the quick service.

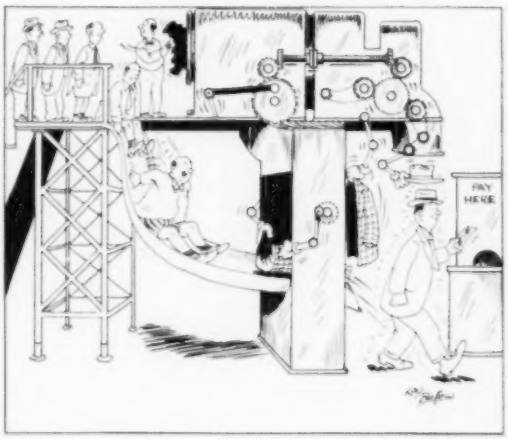
Same-day service is so well accepted today that comment is hardly necessary. The man who can't provide it is already feeling the pinch, to the point where routemen will urge customers to take garments to the plant store for quick service, if necessary.

Several drycleaners have valet services to supplement their routes for such emergencies. Usually the driver who handles hotel and motel business on a two- or four-hour basis will also pick up anywhere in town, at hotel prices or for a 25- to 50-cent surcharge, and deliver back within the same short period of two to four hours.

It is a fallacy to think that most one-, two- or three-hour service is to transient trade and therefore not to be considered seriously as a source of permanent business. In the first place, a lot of transient business isn't to be sneezed at. Secondly, any man who was ever faced with an unexpected trip, or who has heard his wife wail about a party and not a thing to wear, knows that frailty of human nature keeps customers ever grateful for quick service.

Sparkle Cleaners in Quincy, Massachusetts, is taking advantage of a new trend, too. Part of a new marketing center, it advertises drycleaning done while you shop. No emergency—just convenient to have everything done in one trip. Tickles the housewife to pieces, though she's bound to have to come back for the pound of sugar she forgot on the first trip.

The old axiom also still holds true: the quicker you get a garment back to a customer, the quicker she gets it dirty and back for cleaning again! # #



SIDELINES

LAST year's Guidebook, the February 1949 issue of The National Cleaner & Dyer, was devoted to sidelines. We can only summarize a few points here that were covered in that issue, which suggests that practically every chapter in *this* issue could be discussed at much greater length if space permitted.

Every sideline should be judged on its own merits. Complete costs must be kept for each separate sideline, including productive, handling, selling and advertising, and administrative costs, as well as a fair share of the overhead. In the plantowner's mind each sideline should be treated as an individual business with its own profit and loss statement. Then he has a clear picture of how it fits into the rest of his operation.

If the sideline is profitable, then the drycleaner's only concern is whether the same floor space, equipment or manpower might be used more profitably in some other manner. If it shows a loss over the twelve-month period there can be only two justifications for maintaining the department, assuming it can't be made profitable quickly.

Should the existence of the sideline cause a saving elsewhere in the drycleaning operation greater than the sideline's loss, it is worth keeping. This could be in sharing the overhead expense in the plant, store or routes. It could be from spreading administrative costs, store girls' wages, or clerical and bookkeeper's wages.

The other excuse for a loss in a sideline operation is as a "loss leader"—bait to draw customers who will then buy more and more drycleaning. In this case the amount of the loss must be considered as an advertising expense. If such a sideline showed a loss amounting to, let us say, one half of one percent of a drycleaner's gross sales, he must decide if he would be getting better sales promotion by dumping that sideline and applying that one half of one percent to some more direct media, such as buying heavier space in papers, more radio spots, etc.

Regarded solely as a medium for the promotion of drycleaning, sidelines have the advantage of tending to increase traffic in the stores, of increasing the size of orders per stop, of giving a routeman or sales girl additional selling tools, and of giving additional things to talk about on the direct advertising media such as newspapers, direct mail and radio.

One disadvantage is the increase in information that sales personnel must have. This can't be completely overcome by referral to the plant superintendent. There is also a suspicion to be overcome on the part of customers that a firm doing several sidelines may not be a specialist in drycleaning, or may not be qualified to do good work in the sidelines.

Sidelines appear to be most profitable at the two extremes of the drycleaning field: either in the big chain operations where price competition with specialists is possible in a mass market, or for the small-town cleaner who does a little of everything because of the very limited market in drycleaning alone. # #

CLAIMS

WE listened open-mouthed while a small drycleaner admitted he fought *thirty* different claims in New York's small claims court in one year. In court and in preparation he must have wasted a minimum of five hours per claim, or a total of 150 hours. We don't know what he figured his time was worth, but that must have cost him in time between $300 and $500, or from $10 to $15 per claim.

There's lots of room for settlement there without going to court. That's thirty customers that drycleaner might have saved, plus their thirty friends that he lost, plus their thirty other friends he will never meet. That's three whole weeks he spent out of his management, when he could have been straightening out the bottlenecks that were causing his claims.

Facts Come First

Fast tempers and a lack of facts create most claim disputes. The quicker the facts are learned the sooner the tempers cool. Once cool, anything can be talked out quickly and reasonably if the drycleaner is willing to meet the customer more than halfway. Remembering that time element, it will pay to come more than halfway.

The manner of settlement is awfully important. Done grudgingly it is an insult to the customer, and she is just as likely not to return as if you had turned her down. At least she will be on her guard against you, and critical to her friends about you. If it is done graciously, the average woman, who hates a row, will be exceedingly grateful, for the ease of settlement even more than for the generosity shown. She's the one who tells everyone she knows Blank Cleaners are "so nice to deal with"!

When he gets a valid claim, one sales manager sends the lady an orchid right off the bat, as if to say, "Gee, Mrs. Jones, we don't quite know what to say. Wouldn't have this happen to *you* for the world!" Corny? It saves him better than the price of an orchid per claim, and it's the talk of the town. # #

DATA FOR DRYCLEANERS

the cleaning room

SYNTHETIC SOLVENTS

EACH of the three synthetic fluids used in the drycleaning industry—carbon tetrachloride (including carbon tetrachloride-base blended fluids), trichlorethylene and perchlorethylene—has its own particular application.

Likewise, there are three main classes of synthetic drycleaning machines:

Washer-Cabinet-Drier Systems: Garments washed and extracted in same basket, removed from basket and hung in ventilated cabinet to dry.

Washer-Drier Systems: All washing, extracting, drying or deodorizing done in same basket. Solvent left in garments after extraction is not recovered.

Washer-Recovery Systems: Garments washed, extracted and dried in one basket. Solvent left in garments after extraction is recovered by recirculating air which is alternately heated and cooled.

Physical and chemical properties of drycleaning solvents as they apply to design of drycleaning machine:

Washer: Rapid cleaning possible with chlorinated solvents because of their high solvent power for grease and rapid penetration rate.

Carbon tetrachloride and perchlorethylene—cleaning powers just about equal.

Trichlorethylene—most efficient fluid for soil removal.

Therefore, machine having large capacity per hour may be built around a relatively small basket by allowing a number of loads to be processed per hour.

Extractor: Difference in hold-up of solvent in garments after identical extraction conditions:

Carbon tetrachloride and perchlorethylene—no appreciable difference.

Trichlorethylene—slightly more recoverable by extraction.

Filter: Operation essentially same with any of the synthetic fluids; normal precoat and operating additions will work equally well with any of the three fluids under identical conditions.

A large item in solvent consumption is solvent left in discarded filter sludge, which accounts for approximately ⅓ of solvent consumed in one washer-cabinet-drier machine.

Perchlorethylene and trichlorethylene—may be recovered from sludge by:

Recirculation of warm air to condenser to recover solvent-laden air.

Sludge may be backwashed to a still, then stripped of solvent by injecting live steam directly into sludge.

Carbon tetrachloride—tends to hydrolyze in presence of excess moisture, forming acidic corrosion products, so that it cannot be steam-distilled.

Example: In tests with machine which has relatively inefficient extractor, solvent holdup for wool after 7-minute extraction is:

Carbon tetrachloride—20.2 percent
Perchlorethylene—18.6 percent
Trichlorethylene—15.1 percent

Still: Three physical properties of the solvents have to be taken into account as regards the still—specific heat, boiling point, latent heat of vaporization. All three add up to heat input required to distill the solvent. The three solvents have approximately the same specific heat of around .2, and approximately the same latent heat of vaporization. The main difference is in the boiling point: carbon tetrachloride, 169.7 degrees F.; trichlorethylene, 188.4 degrees F.; perchlorethylene, 250.2 degrees F.

Carbon tetrachloride and trichlorethylene—may be

distilled at low steam pressures, usually not in excess of 10 pounds per square inch gauge pressure.

Perchlorethylene—will require approximately 50 pounds. In some machines this factor rules out perchlorethylene, since still coils or jackets will not stand the higher pressure, or area of coils is not large enough to have sufficient heat input for distillation of this fluid.

Solvent Recovery: Vapor pressure exerted by the various fluids is greatest single factor affecting solvent cost. Vapor pressure determines how much fluid is lost in the drycleaning operation, also amount of solvent that may be recovered from garments after extraction.

Evaporation rate (taking ether as having a rating of 100):

Carbon tetrachloride—33
Trichlorethylene—28
Perchlorethylene—9

Carbon tetrachloride has evaporation rate about 3.5 times that of perchlorethylene. This factor accounts for high evaporation losses in systems using carbon tetrachloride.

Vapor pressure characteristics come into full play in recovery system of washer-recovery type machines:

Example: A widely used washer-recovery machine has basket volume of 14 cu. ft. That, together with duct work, heater, and condenser easily makes 25 cu. ft. total volume. After extraction there remains in garments approximately 44 pounds of solvent per 100 pounds of garments. Assuming temperature drop of 30 degrees F. in condenser, solvent content of solvent-laden air would be reduced as follows:

	Operating Temperature	
	150° F.	120° F.
Carbon tetrachloride	.245 lb./cu. ft.	.14 lb./cu. ft.
Perchlorethylene	.06 lb./cu. ft.	.03 lb./cu. ft.

The unrecovered solvent is proportional to volume of air space and solvent content per cu. ft. at that particular temperature:

	Carbon tetrachloride	Perchlorethylene
Total volume of air space	25 cu. ft.	25 cu. ft.
Solvent content at 120° F.	.14 lb./cu. ft.	.03 lb./cu. ft.
Total uncondensed solvent in air	3.50 lbs.	.75 lbs.

If the solvent hold-up is 44 lbs./100 lbs. of garments, hold-up per 42 lb. load would be 18.5 pounds of solvent. From this figure and that for solvent content of air in machine we can calculate the solvent recoverable:

	Carbon tetrachloride	Perchlorethylene
Solvent hold-up after extraction of garments per load	18.5 lbs.	18.50 lbs.
Solvent content of air	3.5 lbs.	.75 lbs.
Recovered solvent	15.0 lbs.	17.75 lbs.
Recovery	81%	96%

★ ★

NOTE: These are theoretical values only, as in actual practice the systems are not absolutely airtight. When vapor is lost it is more serious with carbon tetrachloride than with perchlorethylene, as the vapors are richer in solvent. Actual practice gives approximately 75 percent recovery for carbon tetrachloride and 90 percent for perchlorethylene.

Solvent Costs: Only true basis for comparison is solvent cost per pound of garments cleaned. It matters little what is paid for a drum of solvent, but it does matter how much cleaning a drum of solvent will do.

In one popular washer-cabinet-drier machine, losses were determined, by extensive laboratory and field tests, to be distributed as follows:

	Perchlorethylene	Carbon tetrachloride
Filter loss	6.0 lbs.	6.0 lbs.
Hold-up	13.1 lbs.	14.0 lbs.
Still residues	.4 lb.	.33 lb.
Evaporated loss	3.5 lbs.	9.87 lbs.
Total loss, solvent per 100 lbs. garments	23.0 lbs.	30.20 lbs.

Taking a base price of 11.75 cents per pound for perchlorethylene and 8.5 cents per pound for carbon tetrachloride, this represents a cleaning cost of 2.70 cents per pound for perchlorethylene as against 2.56 cents for carbon tetrachloride. A comparison of the figures cited above shows that while perchlorethylene costs $1.58 a gallon and carbon tetrachloride only $1.13, high evaporation rate of carbon tetrachloride partially offsets higher cost per gallon of perchlorethylene.

How to Reduce Cleaning Costs:

Hold-up of solvent in garments after extraction: Varies with efficiency of extractor, which is a function of the diameter of the extractor basket and speed of extractor. This factor is built into machine and cannot be varied.

Length of extraction time: Can be varied.

(*Continued on page 82*)

★ ★

Physical Properties of Synthetic Solvents

	CARBON TETRACHLORIDE	TRI-CHLORETHYLENE	PER-CHLORETHYLENE
Chemical formula	CCl_4	C_2HCl_3	C_2Cl_4
Boiling Point, °F.	169.7	188.4	250.2
Latest Heat of Vaporization at boiling point, BTU/lb.	84.2	103.0	90.0
Specific Heat, Liquid	0.205	0.225	0.205
Viscosity, Liquid (68 °F.) cp.	0.969	0.58	0.88
Surface Tension (in air) dynes/cm.	25.4 (in nitrogen) at 77 °F.	Approx. 29 at 86 °F.	32.32 at 68 °F.
Specific Gravity (20°/4°C.)	1.594	1.464	1.623
Pounds per gallon (68 °F.)	13.30	12.30 (59 °F.)	13.55
Vapor Pressure, mm. Hg. (68 °F.)	91	58.5	14.2
Evaporation Rate (ether-100)	33	28	9
Flammability, Underwriters' Laboratories Rating	0	3	0

(Continued from page 81)

Example: Variation in amount of solvent left in clothes after extraction. Garments extracted were wool, extraction time seven minutes in all cases:

Machine No.	Diameter of basket	Extraction speed	Solvent hold-up %
1.	27"	900	12.5
2.	30"	860	12.5
3.	34"	810	13.5
4.	30"	750	14.5
5.	32"	640	16.0
6.	24"	550	22.0

Recovery of solvent left in garments after extraction in separate recovery-drier will reclaim 90 percent of hold-up solvent. Will reduce cleaning cost to nearly one cent a pound with perchlorethylene, most completely recoverable solvent.

Filter loss: Much of this loss may be recovered by back-washing the sludge and steam-stripping when perchlorethylene is used. Still residues may be stripped for a further saving.

Evaporation losses in operation: Minimized by using perchlorethylene.

By carrying out each of these solvent-saving steps, the solvent cost of cleaning with perchlorethylene may be held to .75 cents to one cent per pound, as compared to 1.75 cents to 3.5 cents per pound for carbon tetrachloride, depending on efficiency of equipment and operations.

These studies of solvent costs have been limited to perchlorethylene and carbon tetrachloride, since these two solvents afford the greatest contrast.

Chief advantage of trichlorethylene: Lends itself to construction of lower-priced machine from low-cost materials of construction.

Trichlorethylene should only be used in machines especially designed for it as this solvent has a tendency to bleed fugitive cellulose acetate dyes when the temperature of the solvent exceeds 80 degrees F. # #

Source: E. I. du Pont de Nemours & Company, Electrochemicals Department

★

★

★

★

★

★

★

PETROLEUM SOLVENTS

STANDARDS for petroleum distillates used in drycleaning cover physical and chemical properties, methods of testing, certification of quality.

Standards for Stoddard Solvent:

(Commercial Standard CS 3-40)

1. *Material:* Stoddard solvent shall be a petroleum distillate.

2. *Appearance:* It shall be clear and free from suspended matter and undissolved water.

3. *Color:* It shall be water-white or not darker than 21 by Saybolt chromometer.

4. *Odor:* Solvent shall be free from rancid and objectionable odors.

5. *Corrosive Properties:* Copper shall show not more than extremely slight discoloration when submerged in solvent for three hours at 122 degrees.

6. *Doctor Test:* Solvent should react negatively.

7. *Sulphuric Acid Absorption Test:* Not more than 5 percent of the solvent should be absorbed by CP sulphuric acid (93.2 percent).

8. *Flash Point:* Shall not be lower than 100 degrees.

9. *Distillation Range:* When a sample is distilled according to specifications, not less than 50 percent should be recovered when the thermometer reads 350 degrees F. and not less than 90 percent when the thermometer reads 375 degrees F. and the end point shall not be higher than 410 degrees F.

10. *Residue:* When a sample is distilled the residue shall not be more than 1.5 percent.

11. *Acidity:* Residue from distillation shall not show an acid reaction.

A petroleum solvent meeting the above specifications is classified by Underwriters' Laboratories, Inc., in a class with kerosene in respect to fire hazard.

Standards for 140 F Solvent:

The 140 F solvent has been developed in an effort to produce a workable solvent that would have a flash point higher than that set for Stoddard solvent and would show a high degree of safety in regard to fire hazard.

The main specification required by the Underwriters' Laboratories for 140 F solvent is that the flash point be a minimum of 138.2 degrees F. According to the Underwriters' listings this type of solvent is placed in a class between paraffin oil and kerosene.

The Stoddard solvent specifications are concerned only with the solvent and do not require any designated type of equipment.

In the use of 140 F solvent, specifications have also been set up in respect to the type of equipment in which it should be used for maximum safety. In some cases the equipment approved has been tumblers and drying cabinets. Some complete drying units have been approved for the use of 140 F solvent.

Approved drycleaning systems together with particular listed drying cabinets or tumblers are suitable only for use with listed cleaning liquids classified with respect to fire hazard and complying with the following specification:

1. *Flash Point* (closed cup): Not lower than 138.2 degrees F.
2. *Initial Boiling Point:* Not lower than 357.8 degrees F.
3. *Ignition Temperature:* Not lower than 453.3 degrees F.
4. *Lower Limit of Explosion Range:* Not less than .8 percent by volume in air at initial temperature of 302 degrees F.
5. *Spontaneous Heating:* The cleaning material shall not heat spontaneously.

The color, odor, corrosion and doctor tests are the same as for Stoddard solvent.

Along with the use of approved systems, the installation should be set up in accordance with the standards of the National Board of Fire Underwriters for safeguarding drycleaning and dyeing plants. Authorized inspectors should be consulted before installation.

The use of either of these solvents is regulated by the state fire marshal's office and the regulations vary considerably from one state to another. # #

Source—Anderson-Prichard Oil Corporation

SOLVENT FILTRATION

REMOVAL of insoluble impurities from drycleaning solvent in the filter is nothing more than a simple "screening" action. If all the dirt coming from the garments were in large, hard particles, the regular filter screens and bags would do the job without the need of filter powder. But dirt, sand, lint and slimy and gummy substances make the picture totally different.

The screens and bags in your filter press are extremely fine, around 200 mesh, which means there are approximately 40,000 holes to a square inch. If you use no filter powder, these holes are plugged in no time by the slimy and gummy substances. Then your filter pressure goes sky-high and you get no more than a trickle of solvent through the filter.

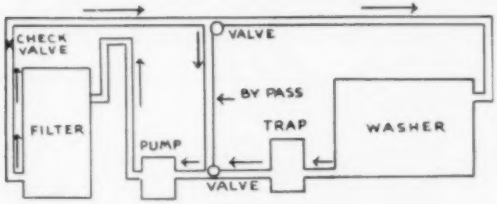
When you add a good filter powder (diatomaceous silica) to the solvent, the extremely fine diatom particles mix in the washer with the impurities and are carried to the filter press. These particles of powder collect on the filter screens and bags and break up the gummy coating of slimes and residues. They form pores or holes so fine they can only be seen under a microscope, but through which the clean solvent can flow freely.

When the manufacturer made your filter to put out, for example, 3,000 gallons per hour, he did not guess at the amount of filtering area. It was figured out by engineers as approximately 33 square feet for each 1,000 gallons of filter capacity. Therefore, your 3,000-gallon filter would have about 100 square feet of screen area.

Suppose, for various reasons, your screens and bags have become so clogged with insoluble residues and slimy substances (through which the solvent will not pass) that only 50 percent of your filtering area is open to flow. In effect, you now have a 1,500-gallon filter instead of a 3,000-gallon filter, yet your pump is still trying to force through its full capacity of 3,000 gallons, thus developing excess pressure.

To know whether your screens in your vertical screen filter are clogged or not here is the procedure:

When you have completed a day's run, or when you consider the pressure excessive, shut off your pump and open the drain valve on your filter, allowing the solvent to drain off to a point just below the filter cover. Remove the cover and swing it aside so that you can see down between the filter screens. Now drain the solvent from the filter, slowly enough so that you do not disturb the filter cake. When the solvent level is below the tops of the screens, take a flashlight and inspect the condition of the cake on each filter screen.



Use of bypass maintains filter cake by continuing pressure with the pump while the washer is idle or on soap run. Also, extension of filter inlet and outlet above solvent level in filter maintains solvent level above filter cake. Check valve prevents solvent on outlet side from dropping back and pushing the cake off from inside the screens

You will note that some areas have no filter powder on them; some of the areas will be coated anywhere from one-half to one inch thick, and the rest of the screens will be splotched here and there with only a thin cake. Where there is no filter cake, there has been no solvent passing through; all the solvent went through those areas on which the powder is deposited in a reasonably thick cake. In the case of a horizontal type filter, where the filter powder lies on a flat plane, this "spotty" cake is not found, due to the fact that its construction causes even distribution of the filter powder.

If the screens had been properly cleaned *and kept clean by proper precoating*, the filter cake would be uniformly distributed and of even thickness and color texture.

Cleaning Filter Screens

The proper way to clean your filter screens is to use one or two pounds of caustic soda to each five gallons of water in a tank or tub large enough to immerse the screens. Bring this tank of solution to a boil and then immerse the screens for at least 30 minutes. For bad cases of clogging, some plants soak the screens in the cold solution overnight and bring to a boil the next morning.

Next, rinse each screen thoroughly in another tub of boiling water, then steam thoroughly from top to bottom with wet steam. The trick to the above operation is to take the screens out of the boiling hot caustic solution one at a time, to the boiling hot rinse water, then to the steam hose. Above all, do not permit the screen to dry from the time it is taken from the caustic solution until it has been thoroughly steamed, working from top to bottom. If you do, the emulsified slimes and greases will precipitate and harden and be almost impossible to remove.

Wipe the screen very carefully. Be sure in wiping and blowing with steam that you do not break the soldering on edges; this will cause screens to develop leaks.

Now how can you keep your screens from getting gummed up again? The answer is with a properly applied precoat.

Precoat and Operation

First, fill the washer to the proper level and the filter press full of *clean* solvent. In filling the filter, keep the air valve open until solvent starts to run out, signifying that it is full. Now, close the air valve and add to the *clean* solvent in the washer one pound of filter powder *for each 10 square feet of screen area*. Start the washer and mix the filter powder thoroughly with the solvent. Then you can start the pump. Allow the solvent to circulate through the filter and washer until it shows clear in both sight glasses.

You are then ready to start your daily operation.

The most important thing to remember during the day's cleaning is that filter powder should be used on *every* washer load. The next most important point is to use the right amount of filter powder—not too much, not too little. If one load is run without filter powder, the surface of your filter cake will start to slime over and become partially plugged, with more than normal pressure rise. This condition becomes worse for each succeeding load run without filter powder.

In a test run by a solvent manufacturer, it was found that using only ¼ pound of filter powder on *every* load cleaned more garments per pound of pressure rise, yet used 27 percent less filter powder per 1,000 pounds of garments cleaned than when three times this amount (¾ pound) was added in *every other* load. *(Continued on page 84)*

(Continued from page 83)

Another extremely important point is that, on the vertical type filter, there is nothing to hold the precoat or cake on the screens. There should be a by-pass valve to allow the solvent to keep circulating and hold pressure against the cake when no washers are running on the filter. If the pump is stopped when you are not filtering there is no pressure, and parts of the precoat and filter cake will fall off and leave the screen bare. When you start to filter again, these bare spots quickly plug up and the pressure rises faster than normal.

The same result occurs when the filter is started the first thing in the morning—after the pump has been off all night—without applying a precoat. If only one load is run through a precoat before shutting down for the night, a new precoat must be put on before starting to filter the next morning. Again, this does not apply to horizontal filters.

Three cardinal rules to remember in securing more and better cleaning with economy of filter powder are:

1. Start with and keep screens thoroughly clean with all mesh openings clear of solvent flow.
2. Determine the proper amount of filter powder to use per load of garments, according to the size of the load and the condition of the garments (one to two pounds for every 100 pounds of garments). Use the correct amount in *every* washer load.
3. Keep pressure against the filter cake at all times when operating a vertical type filter, either circulating through the washers or a by-pass valve. Always precoat again after the pump has been stopped, even for a short time. # #

Source—Dronite Division, Great Lakes Carbon Corporation

Use and Characteristics of "Sweeteners"

THERE are certain adsorptive filter powders which have characteristics that must not be confused with those of standard filter powders. The adsorptive filter powders have been treated with magnesium silicate or similar compounds to give them an ability to strain out soluble impurities that otherwise are able to pass through the filter cake. Some of these adsorptive filter powders have been effective in prolonging the interval between distillation periods.

Since the rate at which the magnesium silicate is used up depends not only on the type and amount of soil in the garments but also on the amount of fatty acid released from the soap used, it is difficult to prescribe exact formulas. This is particularly so since these powders appear to vary widely in character and performance.

The rule of thumb for one such powder is a precoat of three pounds per 1,000-gallons-per-hour filter capacity, plus 1½ pounds to each 100-pound load of lightly soiled garments. Care should be taken to add the adsorptive filter powder through the trap or at the outlet of the washer, as it has a tendency to cling to fabrics. # #

Solvent Tests

Test for Water in Solvent:

Make sure test tube is clean and dry, then half fill with solvent to be tested. Add pinch of anhydrous copper sulfate. Shake test tube well, then allow to settle for a few minutes. Water is present in solvent if sediment has bluish tinge.

Test for Soluble Soap in Solvent:

The same test will indicate presence of soluble soap in sufficient quantity to cause building up of suds in washer, formation of jell in still or scum on filter. Soluble soap present in solvent when shaking it with copper sulphate produces flocculent precipitate (a spongy, flaky bottom layer).

Test for Free Fatty Acid:

For accurate results, flask and 55 cc. graduate used for this test must be perfectly dry as well as clean. Either rinse with alcohol or acetone, requiring no drying, or, if washed with water, dry with cloth.

Pour 50 cc. of solvent to be tested into Erlenmeyer flask. Add 3 or 4 drops of phenolphthalein solution. Shake well. Next, using 10 cc. pipette, add 5 cc. of 0.0139 normal alcoholic potassium hydroxide (using synthetic methanol). While adding this solution, shake flask with swirling motion.

If pink color appears while the first 5 cc. is being added, amount of fatty acid in solvent is negligible. Each 5 cc. of testing solution that must be added to obtain pink reaction to phenolphthalein represents acid number of 0.1. If addition of second 5 cc. produces pink color, solvent is satisfactory to use. However, if it is necessary to add a third 5 cc. before obtaining pink reaction, the solvent should be treated before further use. Up to this point, the use of one of the adsorbents will usually keep it in usable condition.

If more than 15 cc. of testing solution, indicating an acid number of 0.3, is required to produce pink color, solvent must be clarified. The acid number 0.3 has been established as point at which solvent should be clarified because odor has been traced to solvent with a slightly higher acid number.

The drycleaner should make this test every day. The potassium hydroxide should be fresh.

Minimum Filter Powder Usage

STODDARD AND LARGE SYNTHETIC SOLVENT FILTERS — SMALL SYNTHETIC SOLVENT FILTERS

FOR PRECOATING

Filter Capacity	Amount of Powder
1000 gals. per hr.	2 pounds
2000 gals. per hr.	4 pounds
3000 gals. per hr.	6 pounds
5000 gals. per hr.	8 pounds
8000 gals. per hr.	14 pounds

Use one ounce for each square foot of filtering cloth or screen.

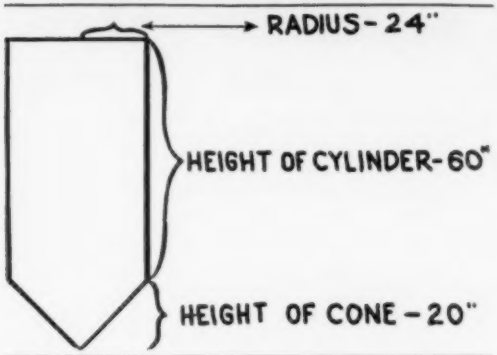
FOR ADDITION WITH GARMENTS OR TO POWDER TRAP

No soap used—add 1 lb. powder to 100 lbs. of fabrics.
Soap used—To break run*—1 lb. powder per 100 lbs. of fabrics.
To filter rinse—1 lb. powder per 100 lbs. of fabrics.
* If no break run is carried out, double quantity of filter powder is used for filter rinse.

Use ½ pound for each 50 lbs. garments cleaned. Example: If 50 lbs. garments make four loads, add two ounces with each load. A less effective method is to add ½ lb. every four loads. Add powder with garments when possible—otherwise at trap.

Source—Johns-Manville Sales Corporation

Capacities of Clarifying Tanks



TO calculate the number of gallons in the cylinder of a clarifying tank use the following data:

$\pi \times \text{radius}^2 \times \text{height} = \text{cubic inches in cylinder}$
231 cubic inches = 1 gallon
cubic inches ÷ 231 = gallons in cylinder

Given a clarifying tank cylinder with a radius of 24 inches and a height of 60 inches:

$$\frac{3.1416 \times 24 \times 24 \times 60}{231} = 469.9 \text{ gallons}$$

To calculate the number of gallons in the cone of a clarifying tank use the following formula:

$$\frac{1/3\pi \times \text{radius}^2 \times \text{height}}{231} = \text{gallons in the cone}$$

To find the capacity of a clarifying tank cone with a radius of 24 inches and a height of 20 inches:

$$\frac{3.1416 \times 24 \times 24 \times 20}{3 \times 231} = 52.2 \text{ gallons}$$

Pumps for Filter Circulation

Following chart shows pump size recommended for each size of filter and speed at which each should operate to produce intended flow rate

FILTER GALLONS PER HOUR	SIZE OF SUCTION & DISCHARGE PIPES	R. P. M. PUMP PULLEY	DIAMETER PUMP PULLEY	GALLONS PER REVOLUTION
400	1"	450	4¾"	0.015
600	1"	650	4¾"	0.015
1000	1¼"	375	7"	0.044
1200	1½"	230	10"	0.087
2000	2"	265	10"	0.125
3200	2"	235	12"	0.235
5000	2"	350	12"	0.23
8000	3"	250	24"	0.53

Source: Viking Pump Co.

Capacities of Drycleaning Washers

It is impossible to quote precise washer loads to fit all types of equipment and diversified local conditions. The following capacities are average figures based on the recommendations of various washer manufacturers, detergent producers and drycleaning supply houses

SIZE	WOOD	METAL
30 x 30"	30 lbs.	—
30 x 40"	40	50 lbs.
30 x 48"	50	63
36 x 48"	67	85
36 x 54"	78	95
36 x 64"	96	112
36 x 72"	103	117
42 x 54"	107	124
42 x 64"	128	154
42 x 72"	139	158
42 x 84"	167	198
42 x 96"	191	226
42 x 120"	226	250

Recommended Drycleaning Washer Speeds

Drycleaning washers should travel between 160 and 180 linear feet per minute depending upon rib height and type of clothing being cleaned. Use the slower speeds for silks washed in high-ribbed machines. Most manufacturers recommend the following revolutions per minute as speeds for drycleaning washers of various diameters

DIAMETER	R. P. M.
30"	20-30
36"	17-19
42"	15-16

Extractor Speeds

The revolutions per minute given in the table below are those recommended by most manufacturers for extractors of various sizes

DIAMETER	R. P. M.
20"	1360
26"	1260
28"	1150
30"	1110
40"	900
48"	725
60"	610

Kilowatt Hours To Run Extractors

Table gives kilowatt hours required to run extractors of various sizes a given time in minutes. Example: A 48-inch extractor draws 1.45 kilowatt hours for a 20-minute extraction period; at 2 cents per kilowatt hour, power cost is 2.9 cents for the load

TIME IN MINUTES	EXTRACTOR DIAMETERS 20"	24"	26"	28"	30"	40"	48"
1	.042	.050	.071	.083	.095		
2	.048	.069	.082	.095	.108		
3	.055	.079	.092	.107	.122		
4	.062	.088	.103	.119	.135	.46	.65
5	.069	.097	.114	.131	.149	.50	.70
6	.075	.106	.125	.143	.162	.54	.75
7	.082	.116	.135	.155	.175	.58	.80
8	.089	.125	.146	.167	.189	.62	.85
9	.095	.134	.157	.179	.202	.66	.90
10	.102	.144	.167	.192	.216	.70	.95
11	.109	.153	.178	.204	.229	.74	1.00
12	.115	.162	.189	.216	.242	.78	1.05
13	.122	.171	.199	.228	.256	.82	1.10
14	.129	.181	.210	.240	.269	.86	1.15
15	.135	.190	.221	.252	.283	.90	1.20
16	.142	.199	.232	.264	.296	.94	1.25
17	.149	.209	.242	.276	.309	.98	1.30
18	.155	.218	.253	.289	.323	1.02	1.35
19	.162	.227	.264	.300	.336	1.06	1.40
20	.169	.237	.275	.312	.350	1.10	1.45

Source: AIL

Test for Wetcleaning Department

Test for Water Hardness:

To perform this test, standard soap solution can be obtained from water-softening supply house.

Add 3 drops of solution to 40 cc. of the water to be tested. Shake well. If water is soft, lasting suds will be formed. (About 5 minutes is considered "lasting.") If not, add another 5 drops of soap solution; shake again. If lasting suds now form, approximately 1-grain hardness is indicated. An additional grain of hardness is indicated by every additional 5 drops needed to form lasting suds. When 38 drops are needed to form lasting suds, hardness of approximately 7 grains is indicated.

Note: If both magnesium and calcium hardness are present in water, calcium is precipitated first and suds may be formed; however, the magnesium will then begin to act on the soap.

the spotting department

COMMON SPOTS

Argyrol: Apply water to flush color as the stain is dissolved, thus preventing it from spreading to wider areas. Cover the stain with iodide crystals, allowing the crystals to dissolve in the water already applied to the fabric. Let the iodide solution soak for a few seconds. Work with spatula and flush out. Dab the stain with hypo crystals (enclosed in a cheesecloth bag) which first have been immersed in a 10 percent ammonia solution. Flush out thoroughly with water.

Berry: Employ the steam gun when possible. To remove remaining stains (or if no steam gun is available) apply warm to hot glycerin. Work with spatula, spotting brush or both. Flush out with clear water and follow with one of the general formulas sold by all manufacturers. Stubborn traces of discoloration on white goods should be treated with hydrosulphite. On colored fabric use hydrosulphite in solution of water, but first test to see if the dyestuff will stand the strength of the solution made up. If the color is sensitive to hydrosulphite, spray with hydrogen peroxide. Flush thoroughly and feather out.

Blood: Since heat sets blood stains, it is important to treat them before they go through the drycleaning process. Brush dry blood stains to remove built-up portions. Immerse the garment in a solution of acetic acid, salt and water (one-half pound of common salt and four to six ounces of glacial acetic or formic acid to five gallons of water). This solution will dissolve the fibrin and albumin content of the blood and allow the stain to be rinsed out in clear water.

In extreme cases, after the soaking bath it may be necessary to brush out with a water and stock soap solution. In all cases flush out the garment in clear water and allow to dry in filtered warm air. For small blood stains, remove built-up section with spatula or brush. Apply clear water and tamp the stain thoroughly with spotting brush. Addition of a small amount of ammonia to the water will saponify the blood stain and hasten solvent action.

Last traces of blood stains on white garments can be removed with sodium perborate or a peroxide bleach applied locally. Digestion has long been employed to remove the last semblance of fibrin and albuminous content of bloodstains, but among good spotters today there is a growing tendency to use digestion as a first process.

Candy: A steam gun melts a candy stain and forces the liquid out through the fabric. Hold the gun at a considerable distance using wet steam, gradually bring it closer, increasing the volume of steam and the pressure. In plants where a steam gun is not available the stain should first be soaked in lukewarm water. In stubborn cases or where large areas are affected a small amount of acetic acid may be added to the stain to hasten water penetration. After the spot is softened, work with spatula or break up the stain by tamping with the spotting brush. Flush or rinse out with clear water, feather out and dry. Since candy stains are frequently found in pockets of dark cotton fabric, every precaution must be taken to prevent a transfer of color from the pocket to the garment.

Carbon: Either the wet or the dry process may be used. When using the former method, wet out with clear water and apply sulfated fatty alcohol soap or other wetcleaning soap in liquid form. Work with the spatula or spotting brush and flush out with clear water. Feather out and dry. Where hot liquid soap is available with steam pressure, the steam gun may be used to lubricate the stain. Using the dry method, saturate the area with dry solvent and use as a lubricant any good prespotting soap or benzine soap paste. Work with the spotting brush or spatula and then dryclean immediately in the usual manner.

Coca-Cola: Every effort should be made to recognize and treat these stains before the drycleaning process. Heat and alkali not only set the stain but tend to intensify it. In prespotting use glycerin heated to 120 degrees F. Work with the brush or spatula until much of the Coca-Cola coloring matter is dissolved in the lubricant. Flush out thoroughly with clear water. In extreme cases let the stain soak 30 minutes before flushing. In some new fabrics the sizing tends to hold this stain and digesters must be employed. On white cottons and linens chlorine bleach may be used to restore badly stained garments.

Cod Liver Oil: Heat, time and an affinity for oxygen tend to set a cod liver oil stain. If the stain has not been thoroughly set, it may be dissolved and flushed out with one of the strong volatile solvents. On stubborn stains treat with a penetrating dry solvent such as a volatile paint remover. Dryclean immediately. If traces remain, apply a mixture of nine parts oleic acid and one part pyridine.

Coffee: On stains from coffee with cream modern practice recommends beginning with a digestive process. Digesters should be applied freely and allowed as much as a half hour to work. They may be followed by lubrication using hot glycerin and the spatula or brush. One of the general formulas, which are sold under a variety of trade names, frequently will be of value in dissolving the stain and converting the dyestuff into a colorless soluble substance.

Many black-coffee stains may be removed successfully using a thick solution of one of the soapless soaps as a lubricant. Work the stain and follow with a touch of oxalic acid. Flush thoroughly, feather out and dry. With white cotton or linen fabrics a chlorine bleach will remove the last traces of color. In every case this stain should be treated in prespotting since heat and alkali tend to set it.

Cooking and Salad Oils: The standard method is to saturate the stain with dry solvent and apply a mixture of prespotting soap and a paint remover in equal parts. Work the stain with the spotting brush, flush out with dry solvent and dryclean in the usual manner. Another method is to apply a mixture of nine parts of oleic acid and one part of pyridine after the affected area has been saturated with dry solvent. This method is often effective in removing stubborn stains or stains which

have been set by exposure to the drycleaning process. The mixture must be thoroughly flushed out and the garment drycleaned at once.

Corrosion, Metallic: Flush with clear water and for lubrication apply a monopole oil base soap, one of the synthetic soaps or a liquid wetcleaning soap. Work with the spatula, flush with water, feather out and dry. If reddish or rust-colored stain remains, wet out and apply a few drops of commercial rust remover or dilute hydrofluoric acid. Flush thoroughly. Green corrosion stains on metallic fabrics or trimmings may leave a permanent mark for which there is no safe remedy.

Dyes: Insoluble pigment-type dye stains should be treated, if possible, in prespotting. Using the dry method, saturate the stained area thoroughly with Stoddard solvent; apply, as a lubricant and dissolving agent, any standard prespotting soap to which has been added one-third of its volume of alcohol. Flush out with dry solvent or dryclean in the usual manner immediately to prevent the dyestuffs or the prespotting soap from drying in the fabric.

To remove dye stains by wet spotting, first wet out the affected area with water and attempt to dissolve foreign dye stains with hot acidulated alcohol. Often alcohol diluted with an equal amount of water and heated to as much as 140 degrees F. will serve without the addition of glacial acetic. Sufficient time must be allowed for the acidulated alcohol or hot alcohol to dissolve the foreign dyestuff. Then work the stain with the spatula or tamp with a brush and flush out.

Add a few drops of ammonia, work with the spatula or tamp with the brush until the stain appears to be dissolving. If results are unsatisfactory, apply a liquid soap solution heated to between 120 and 200 degrees F.

For removing bled or offset dyestuffs on white goods or prints, immerse the entire garment in a large tub of water. The loose color will be released into the water. Remove and place the garment in a hot soap and ammonia solution made with just enough water to cover the garment, sufficient soap to produce a good suds and three ounces of 28 degree ammonia to each five gallons of water. The bath should be heated gradually to nearly boiling point and the garment kept in motion at all times. When all foreign color is released, flush out soap quickly in clear water and rinse in dilute acetic acid or a bath containing some commercial color-setting agent.

In employing the wetcleaning methods the basic dyestuff on the fabric must be tested to see if it will withstand alcohol, acetic acid, ammonia and hydrosulphite. If the foreign dyestuff in the stain has a greater degree of fastness than the base color of the garment itself, the only possible solution to the problem is to strip the entire garment and redye it. In all cases the spotter must realize that hot alcohol never can be applied to cellulose acetate.

Dyanshine: See "Shoe Polish."

Food: When possible use the steam gun, but if none is available, saturate the stained area with water, tamp with the brush or work with the spatula and flush out. If the stain persists, immediately apply a digester. The few stains which do not yield to this treatment should then be worked with the lubrication and mechanical method. (See first paragraph under "Dyes.") Food stains and the efforts to remove them often leave sizing rings. These will be avoided if the digestive process is applied; in some cases digestives will remove sizing rings resulting from lubrication or mechanical processes.

Glue, Rubber, or Rubber Cement: Saturate the stain thoroughly with benzol or drycleaning solvent and apply a few drops of carbon bisulphite, working the stain thoroughly with spatula or tamping with the brush. Flush out with dry solvent and repeat the process until all possible traces have been removed. Feather out with cheesecloth and dryclean in the usual manner.

Glue, Vegetable or Animal: These stains can usually be dissolved and flushed out by the skillful use of the steam spotting gun. As an alternate method, soak the fabric in water containing up to a ten percent solution of formic or acetic acid. Work occasionally while the stain is soaking in the liquid, either with the hand or with the brush or spatula. In rare cases these stains may contain some starchy material, and digestive action will be necessary.

Grass Stains: Many of these stains may be removed with an application of one of the synthetic soaps, followed by the steam spotting gun. If the steam gun is not used, apply soap, work the stain and flush out with water. Use acetic ether with soap solution on all but cellulose acetate fabrics. On acetates employ amyl acetate. An alternative method is to saturate the stain with drycleaning solvent and apply prespotting soap liberally. Add a few drops of amyl acetate and work the stain thoroughly with the spatula or brush. Flush out with dry solvent and dryclean as usual.

Indelible Pencil: Test the ground color of the fabric to determine its fastness to acid and alcohol. If it is fast to both, employ the hot acidulated alcohol method. Add one part of glacial acetic acid to nine parts of alcohol and heat the mixture to a temperature of about 120 degrees F. The stained area should be dipped in a small container of this solution and the coloring matter thus loosened absorbed immediately with blotting paper or some other absorbent material.

Since hot acidulated alcohol may not be used on cellulose acetate, when dealing with these fabrics, wet out the area with water and apply a few drops of a trade general formula and flush out. Follow with ordinary liquid wetcleaning soap. Work with the spotting brush or spatula and rinse out again in clear water. Stains of this type are more readily removed from cellulose acetate fabrics than from silk or wool.

Ink: See "Writing Ink."

Ink, Ball-Point: Most ball-point-ink stains are soluble on the dry side. First prespot with an oily type paint remover, then follow with a volatile type paint remover. This procedure, followed by recleaning, will remove the majority of such stains.

When these stains are not completely removed by the above method, use water followed by one of the wetting agents. Should no bleeding of the dye take place, follow with a wet prespotter. The latter, plus the lubrication of the neutral lubricant or wetting agent, is usually sufficient to remove the last traces of the stains.

Iodine: Flush out the area with water to remove excess coloring. Wrap a few crystals of sodium thiosulphate (hypo) in a cheesecloth and after immersing it in a dilute ammonia solution dab the stain with this ammoniated hypo. Continue dabbing until the last traces of the stain have disappeared, then flush out with clear water, feather out and dry. Application of alcohol to an old iodine stain will convert it to a soluble which will yield to usual removal processes.

Iron Rust: Wet out the area thoroughly with water

and apply a drop or two of a commercial rust remover, with care in following the manufacturer's directions. In the main these rust removers are acid fluorine salts (hydrofluoric acid) diluted to exactly the proper strength for safe use.

Lead Pencil Marks: See "Carbon."

Lipstick: In prespotting saturate the area with solvent and cover the stain with a drycleaning soap. Work with the spatula and brush to force the soap to pick up and lubricate the pigment out of the fabric. Flush out with solvent and dryclean immediately in the usual manner. If the stain comes to the spotter after drycleaning, saturate with water and apply one of the general formulas marketed under a variety of trade names. Often this will remove the stain without use of brush or spatula. Flush out with water, feather out and dry. As a third alternative the spotter may employ any of a number of trade compounds designed especially to remove this rather common stain.

Meat Juices: To remove (use steam gun if available) saturate the stain with water, apply a few drops of ammonia and tamp lightly with the spotting brush. Flush out thoroughly and if the stain still persists apply a digester.

Metallic Corrosion: See "Corrosion, Metallic."

Mildew: Since mildew is a fungus which grows on the textile fibers, in advanced stages the stain will tend to be permanent. To remove light mildew use the steam gun if possible or flush out the area thoroughly with water. Apply liquid wetcleaning soap and add a few drops of ammonia. Work thoroughly but carefully with spatula or brush. Where traces remain on white or light colored fabrics, spray the area with peroxide, rinse, feather out and dry. On white linen, cotton or rayon, chlorine bleach may be employed to remove last traces of mildew.

Mud: A dry bristle brush will break up and remove most of the stain. Practically all of the remaining spot will be removed in the drycleaning, wetcleaning will be reduced to a minimum.

Mustard: Saturate the stained area with water and apply hot glycerin, work well into the stain with the spatula and flush out with clear water. Use a general formula and continue working the spot with brush or spatula. In some cases it will be impossible to remove the last trace of a light yellow stain due to the tannin content of mustard.

Oil, Cod Liver: See "Cod Liver Oil."

Oils, Cooking and Salad: See "Cooking and Salad Oils."

Paint: Although paint stains may be removed without great difficulty after drycleaning, there are advantages in treating this stain in prespotting. Saturate the stained area with solvent and apply a prespotting soap or other dry lubricant. Cover the stain liberally with standard paint or varnish remover. Work with spatula or brush, flush out and repeat the process as often as necessary. Large areas stained with hard dry paint should be saturated with the paint remover and allowed to soak from an hour to overnight.

Pencil, Indelible: See "Indelible Pencil."

Pencil Marks: See "Carbon."

Perfume: This stain must be completely removed in prespotting; if not, the heat of pressing will bring the color out as a yellowish stain almost impossible to remove. Wet out the area with clear water, work with the brush or spatula and flush out with clear water. Touch up the remaining traces with a few drops of a general formula or a 20 percent solution of acetic or formic acid. Work again with spotting brush or spatula and flush out as before. For the oxidizing oil base that may remain, use first, as a lubricant, a good prespotting soap followed by a dry paint-removing solvent. When available, the steam gun is very effective on perfume stains.

Perspiration: Turn the garment inside out on the spotting board and apply the steam or water gun as vigorously as possible without damaging the fabric. In most instances this treatment will completely remove the stain, but in certain cases it may be necessary to apply a liquid wetcleaning soap or a few drops of ammonia.

If a plant is equipped with neither a steam nor a water gun, the spotter should apply a sponge to the affected area. Saturate the area, using a pumping action, alternately squeezing and releasing the sponge to force the water back and forth through the garment. Then flush out thoroughly and absorb excess moisture with a towel or chamois. In severe cases it may be necessary to wet out the area and use liquid wetcleaning soap or a few drops of ammonia. After loosening the accumulated residue in the underarm area, a spotter may hold the affected area under a water tap, letting the water flow through freely. Where colors have faded the garment usually can be restored to its original appearance with dye pads or dye pencils. This restoration, however, will hold only until the next drycleaning.

Road Oil, Tar, Asphalt: Whenever possible this stain should be treated before drycleaning. After saturating the area with solvent, apply a prespotting soap one inch or more in all directions over the edges of the spot. Add carbon bisulphide freely and work with the spatula and spotting brush. Dryclean before the prespotting soap can dry in the fabric.

Rubber Glue or Rubber Cement: See "Glue, Rubber."

Rust: See "Iron Rust."

Shoe Polish: To remove, using the prespotting method, saturate with a dry solvent and apply prespotting soap. Tamp with the spotting brush, then dryclean as usual. Employing a wetcleaning method, saturate the stain with clear water, add liquid wetcleaning soap and a few drops of ammonia. Tamp with a brush to release stain coloring matter and let the liquid lubricant take it up. Flush out with clear water, feather out and dry.

Silver Nitrate: Flush with clear water, add a drop of iodine or put a few iodine crystals on the spot, and leave this on the stain for 30 seconds to one minute. This converts the silver nitrate into an iodide salt, which is soluble in ammonia and sodium thiosulphate (hypo). After thoroughly flushing out the stain formed by the combination of iodine and silver nitrate, dab the affected area with a small amount of hypo crystals wrapped in cheesecloth which has been saturated in diluted ammonia. Flush, feather out and repeat the process if necessary.

Soot: Wet out the area and apply a liquid wetcleaning soap. Add a drop or two of ammonia over each small area affected and work with the spatula. Flush out thoroughly with water or steam and feather

out. A steam gun will remove these stains almost instantaneously.

Syrup: Remove before drycleaning if possible. The steam gun is very effective on this stain, but if none is available, use the water method. Saturate the area with water and tamp very lightly with the spotting brush. Flush frequently and do not permit other sections of the fabric to pick up the liquefied syrup. Where large areas are affected and conditions permit it, soak the stain in a clear water bath, work out the stain and dry thoroughly before drycleaning.

Tar: See "Road Oil."

Tea: Unless this stain is removed before drycleaning it will fall into the classification of "set" tannin stains. A steam gun will remove 50 percent of these stains even after drycleaning. If a wet method is necessary, flush out thoroughly with clear water and, color permitting, let the stain soak in glycerin heated to 120 degrees F. Work the stain with spatula or brush and rinse in clear water. Follow with a few drops of general formula, work the stain again and flush out. If traces remain, apply a few drops of dilute acetic or formic acid (20 percent solution is the maximum strength practical to use) and again work with spotting brush or spatula. Flush with clear water.

Vomit: If no steam gun is available, flush out thoroughly with water, break up solid portions of the stain with the spotting brush, reflushing as often as necessary. Then apply one of the enzymic digesters freely and allow 30 minutes to an hour for the enzymes to work. Digestion will convert the stain into a water-soluble substance and will remove the odor.

Writing Ink: Following directions, these stains may be removed by any commercial ink remover marketed by a reliable manufacturer. Using an alternate method, saturate the stained area with glycerin and work it well into the stain. Place a blotting paper under the stain, another blotter applied frequently to the top will absorb the loosened color. On fabrics with fugitive dyestuffs the blotter should be used only on top. Flush out the lubricant and absorbed color with clear water. Apply a general formula, work with spatula and blotting paper and follow with final rinse in clear water. ★ ★

Stains Removing Through Use of Prespotting

* Water, Glycerin, Hydrogen Peroxide, Oxalic Acid, Oil, Alcohol, Ether, and Acetone. For detailed information see *The Spotter's Handbook*.

SPOTTING TIPS

1. KEEP tight corks or covers on all spotting agents. Only solvents safe for use on all fabrics should be kept conveniently at hand.

2. Remember that fabrics are most sensitive when wet. Don't rub a wet fabric with a chamois skin, turkish towel or brush. Use a tamping action. Scratching a wet fabric with the fingernail may cause irreparable damage.

3. After use, spotting brushes should be hung up to dry or left face down so the water drains from the bristles. Soaking in water swells the fibers and splits the wood base.

4. Keep spotting brushes in shape. Uneven bristles cause inaccurate applications of solvents and may hurt the fabric.

5. Gouging with the point of the spatula will lead to damage claims. Use with an easy tamping action.

6. On cellulose acetate fabrics always make a colorfastness test on an unexposed portion of the garment to discover whether certain dangerous spotting agents, such as alcohol, may be employed.

7. Use a dropper to apply spotting agents. Frequently, a few drops will do the job, when small amounts are employed, removal of the agent is simplified.

8. Don't use hot soap solutions on fugitive or weak colors.

9. Before resorting to wetcleaning a garment consider the possibility of handbrushing with dry solvent and soap.

10. When applying a digester to an albuminous stain make certain all the soap, alkali or acid is thoroughly rinsed out.

11. Remove metal trimmings, hooks, eyes, metallic buttons, pins or zippers before bleaching. Use stone, wood or earthenware containers for the bleach bath. Crowding garments in the tub is one of the major causes of uneven bleaching.

12. In employing a steam gun keep the jet moving at all times. If the gun is held perpendicular to the fabric, a hole will result. In removing food stains, flick at the spot, returning to it again and again.

13. Remove all spotting agents from the fabric. If they are dry, like paint removers, flush them out with a dry solvent. If they are wet, like ammonia or dilute acetic acid, flush them out with water. If they are soaps, flush or rinse them out.

14. In drying garments circulation of air is more important than high temperatures.

15. Know when to quit. In cases where it is impossible to remove the stain without danger to the fabric, it is better to leave the spot than to ruin the garment.

Modern Drycleaning Methods

Stains To Be Prespotted

STAINS which are set by the heat encountered in drycleaning and pressing should be recognized readily by markers and spotters. The following stains should always be removed in prespotting.

Blood: A stain red to brown in color, both absorbed and built-up, usually found in the front of garments.

Coca-Cola: Entirely absorbed, may be very faint before going through the drycleaning process. In some cases it will spread over wide areas of silk and wooden garments.

Cod Liver Oil: Yellow in color, absorbed, often long and narrow following the filler threads. When oxidized will have a slight rancid odor.

Coffee: Color will vary from light brown to dark brown depending on the amount of cream in the coffee, entirely absorbed. Stain will tend to spread in wide splotches with irregular edges.

Pigment Dyes: A common stain on the seat and shoulders of a garment, usually picked up from leather upholstery.

Perfume: May be identified by odor and location on front of garments. In pronounced cases may leave a round or circular stain, light in center with the dissolved dyestuffs pushed out to the circumference in a dark heavy ring.

Road Oil, Tar, Asphalt: Black, built-up stain with a rough, uneven surface and irregular edges. If fresh, has a distinctive odor.

Syrup: Sticky when wet, often identifiable by odor.

Tea: Similar to coffee, but more tenacious. ★ ★

the fur department

FUR STORAGE DEFINITIONS

HUMIDITY control is increasingly recognized as one of the most important factors in the successful operation of the fur and woolen garment storage business. Besides moth damage, mold as a damaging element is becoming more important with the growth of the apartment-dwelling population. It calls for accurate and careful humidity control.

If fur garments are kept in an absolutely bone-dry atmosphere they lose some of their natural oils and pliability. They then become vulnerable to breakage and to loss of hair from the pelts. If too much humidity is present, mold damage may completely ruin a garment.

Hence, the subjects of relative humidity, humidity measurements, humidity control, hygroscopic moisture,

Fur Cleaning Classification and Work Chart

CLASSIFICATION OF FUR	TYPE OF FUR	DRUMMING TIME	CAGING TIME	GLAZING PROCEDURE
Water Rodents	Beaver	1 hour	1 hour	Use permanganate solution and 175 deg. F. iron
	Nutria	1 hour	1 hour	Use permanganate solution and 175 deg. F. iron
	Hudson Seal	30 to 45 minutes	25 to 30 minutes	Use commercial glazing solution
	Muskrat	30 to 40 minutes	15 to 20 minutes	Use commercial glazing solution
Land Rodents	Rabbit Dyed Coney Lapin Northern Seal Beaverette Marmot	30 to 45 minutes	30 to 45 minutes	Use commercial glazing solution. Usually no glazing is necessary on lapin
The Cat Family	Leopard Ocelot Leopard Cat Lynx Civet Cat	30 to 40 minutes	25 to 30 minutes	Separate glazing procedure usually not required
The Dog Family	Foxes Wolf Coyote Chinese Dog	45 to 60 minutes (bagged)	These furs usually used for scarfs. To prevent breakage of buckles and eyes, do not cage	Use commercial glazing solution
The Bear Family	Raccoon Bear	1 hour	1 hour	Usually no separate glazing process is necessary
The Weasel Family	Mink	30 to 40 minutes	30 to 40 minutes	Use commercial glazing solution
	Kolinsky	30 to 40 minutes	30 to 40 minutes	Use commercial glazing solution
	Fitch	30 to 40 minutes	30 to 40 minutes	Use commercial glazing solution
	Fisher	30 to 40 minutes	30 to 40 minutes	Use commercial glazing solution
	Weasel	30 to 40 minutes	30 to 40 minutes	Use commercial glazing solution
	Otter	45 minutes	30 minutes	Use commercial glazing solution
	Skunk	45 minutes	30 minutes	Use commercial glazing solution
Pouched Animals	American Opossum Australian Opossum	45 minutes	45 minutes	Use commercial glazing solution
Curly Furs	Russian Caracul Black Caracul Chekiang Caracul Persian Lamb Krimmer Lamb Krimmer	20 to 30 minutes	5 to 10 minutes	No glazing fluid to be used
Hoofed Animals	Pony	35 to 45 minutes	35 to 45 minutes	No glazing fluid to be used
	Kidskin	20 to 30 minutes	10 minutes	No glazing fluid to be used
Alaska Seal	Safari Seal Black Seal	35 to 45 minutes	35 to 45 minutes	Use permanganate solution and 175 deg. F. iron wrapped in paper
Delicate Furs	Galyak Chinchilla Mole Squirrel Broadtail Barunduki	Hand clean	Shake out by hand or with a suction work table	No glazing fluid to be used

Source: Walter Hunter Co.

refrigeration and other phases of scientific storage engineering are important. It is believed that this set of definitions will make a useful contribution to the vocabulary of the industry.

Dew Point: The temperature at which moisture in air will condense if cooled at constant barometic pressure. Air has a capacity to hold moisture which increases with the air temperature and decreases as the air temperature is lowered. If air is cooled to the point where relative humidity reaches 100 percent, the moisture will be given up in the form of condensation. At that temperature, the air has reached dew point.

Example: Air at 70 degrees dry bulb and 65 degrees wet bulb (see below) has a dew point of 62.5 degrees F. If the air is passed over a cooling coil which has its surface maintained at a temperature of below 62.5 degrees, the moisture in the air will be given up as a condensation on the coil (the process of dehumidification or latent cooling).

Relative Humidity: The percentage of the maximum amount of water vapor or moisture which can be absorbed by air at a given temperature. It is determined by the wet bulb depression or can be measured by a direct reading hygrometer. A hygrometer usually employs hair or other material which is sensitive to humidity changes.

Wet Bulb Temperature: Air temperature measured by a thermometer equipped with a wick (on the bulb) which is saturated with water. When air is passed over the bulb, the thermometer will drop below the dry bulb temperature of the air because of the evaporative cooling effect. The wet bulb reading is taken when the wet bulb thermometer reaches its lowest point. The number of degrees it falls below *dry* bulb temperature is called *"wet bulb depression,"* which is a measure of relative humidity.

Wet bulb temperature provides a means of determining the latent cooling load or latent cooling effect when used in conjunction with a psychrometric chart. The instrument ordinarily used to take wet bulb reading is a psychrometer.

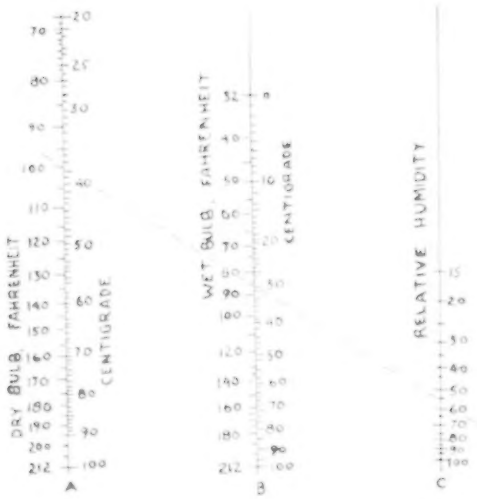
Example: Air at 70 degrees dry bulb and 60 degrees wet bulb has 50 percent relative humidity and contains 26.5 B.t.u.'s per pound. At 70 degrees dry bulb and 65 degrees wet bulb, the relative humidity is 77 percent, and total heat contained is 30 B.t.u.'s per pound.

Refrigeration: May be defined as the process of cooling or removing heat. It is the process by which the temperature of a given space or substance is lowered below that of the atmosphere or surrounding materials. This is accomplished by transferring the heat contained in one substance to another.

(Continued on page 92)

Gauging Relative Humidity

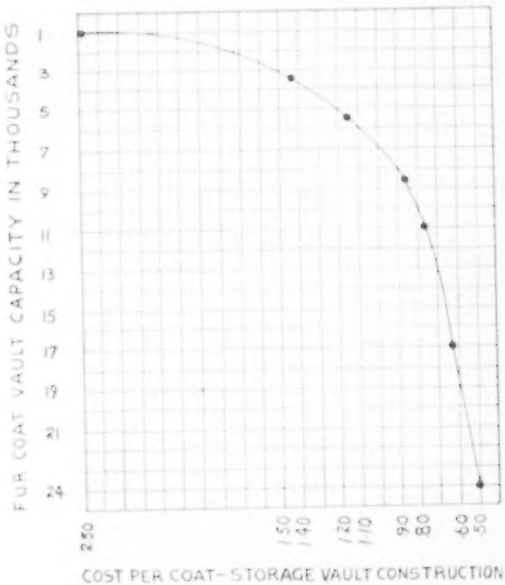
THE accompanying chart makes it possible to gauge relative humidity quickly. Run a straight line through the dry bulb temperature, column A, and the wet bulb temperature, column B. The relative humidity is given at the intersection with column C. Thus, if the dry bulb temperature is 100 degrees F. and the wet



bulb temperature 85 degrees F., the dotted line drawn across the chart shows that the relative humidity, column C, is 54 percent.

The chart is based on a formula developed by the U. S. Bureau of Standards. Temperatures are given in both Fahrenheit and Centigrade. # #

Approximate Cost of Vault Construction



Capacities of Fumigation Cabinets

INSIDE AREA (Cubic Feet)	CAPACITY (Number Fur Coats)
141	40
219	70
297	100
375	130
453	160
531	190
639	220
717	250

(Continued from page 90)

Temperature: Heat can be measured and the degree of intensity of heat is termed temperature. The unit of temperature most used in the refrigerating industry is the degree Fahrenheit. The degree Fahrenheit is 1/180 of the difference between the temperature of melting ice and that of water boiling under standard atmospheric pressure.

Hygroscopy: Hygroscopic materials are those that readily absorb and retain moisture. They are generally of vegetable or animal origin. Furs are hygroscopic.

The temperature and relative humidity of air affect the hygroscopic moisture content of these materials and in turn their weight, strength, appearance, quality and ease of working. The control of hygroscopic moisture may be required during storage to permit easy processing and to fix the weight at the time.

Moisture Content: The sum of free moisture resulting from hygroscopic moisture absorbed from the atmosphere. It is usually expressed as the percentage of the total weight of garments.

Functions of Refrigeration: Cold storage has another and perhaps equally important advantage in preserving the vitality and luster of furs and the tensile strength of fabrics. Articles cold-stored will come out even better than they were on entrance. This is particularly true of furs. The cold atmosphere prevents the drying out of the natural oils in the skin. They therefore retain their softness and flexibility. In addition, it has been found that brilliancy of color is somewhat revived by storage in a cold atmosphere.

High temperatures have a deleterious effect on furs, whereas lower temperatures are believed to improve the condition of the furs by enlivening the natural oils which form an inherent part of their structure. # #

the laundry department

Laundry Washer Capacities

Maximum Pounds Dry per Inch and per Foot of Length

DIAMETER OF WHEEL	PER INCH		PER FOOT	
	Metal	Wood	Metal	Wood
30"	2.00 lbs.	1.68 lbs.	24.0 lbs.	20.0 lbs.
36"	3.05	2.36	36.6	28.3
42"	4.17	3.40	50.0	40.8
44"	4.58	3.75	55.0	45.0
54"	6.88	4.80	82.7	57.6

KNOWING the maximum pounds of dry weight of soiled linens per foot or per inch of length, it is possible to obtain an approximate washer load limit. For instance: a metal wheel 36 inches in diameter will take 3.05 pounds per inch of length: 3.05 × 54 = 164.7, maximum load for a 36" washer.

Dry Clothes

1. Occupy approximately 0.243 cubic feet per pound.
2. Weigh approximately 4.11 pounds per cubic foot.
3. Displace approximately 0.0125 cubic feet of water per pound.
4. Weigh approximately 0.033 pounds per square foot (single).
5. The correct load for a washer is approximately 5 pounds per cubic foot. For rough purposes, a washer will therefore be correctly loaded when it is about 80 percent full of dry load (not packed down hard).
6. Absorb approximately 0.5 gallons of water per dry pound.

Wet Clothes

1. Occupy approximately 0.11 cubic feet per pound of dry clothes.
2. Weigh approximately 3.48 pounds per pound of dry clothes.
3. Weigh approximately 31.8 pounds per cubic foot.
4. Occupy approximately 0.0314 cubic feet per pound.
5. Contain approximately 9.12 pounds of dry clothes per cubic foot.
6. The correct load for a washer is approximately 5 pounds per cubic foot. For rough purposes, a washer will therefore be correctly loaded when it is about 55 percent full of the wet load (with the washer drained). # #

Laundry Washer Revolutions per Minute

Washer speeds should be from 220 to 330 feet per minute dependent on height of ribs, as table shows. As rib height increases fewer revolutions per minute are required to carry load to point of drop

DIAMETER OF WHEEL	HEIGHT OF RIBS							
	2"	3"	4"	5"	6"	7"	8"	9"
24"	37	34						
28"	37	33	30	27				
32"	37	33	30	27	24			
36"	37	33	30	27	24	22		
42"	36	32	29	26	24	22	20	18

Laundry Extractor Speeds and Centrifugal Force

Extractor revolutions per minute and pounds of centrifugal force decrease with increasing capacities. Heavier loads require longer extraction periods; periods required vary with atmospheric conditions and class of work handled. Wet wash should run about 10 to 12 minutes in 30-inch extractor, 15 minutes in 48-inch extractor

TYPE	Size Basket Diameter	BASKET SPEED		CENTRIFUGAL FORCE Lbs. Exerted on Each Lb. of Water	
		Regular R.P.M.	High R.P.M.	Regular	High
Open top	40"	850		410	
	48"	750		384	
	60"	550		258	
	72"	450		207	
Solid curb	20"	1500	2000	640	1132+
	24"	1300	1700	580	980
	26"	1200	1600	532	966
	28"	1100	1500	480	896
	30"	1000	1320	426	742

management notes

INITIAL SUPPLIES

THE following list represents the minimum initial supplies required by the new drycleaner who is opening his own plant. Based on the recommendations of one of the country's largest jobbers, quantities are kept low in every case to reduce the original investment.

CLEANING ROOM	
Benzene paste soap (for white wools and white silks)	25 pounds
Liquid filter soluble soap	5 gallons
Filter aids (diatomaceous earth and/or sweeteners)	200 pounds
Filter screen brush	1
14-quart pails	2
Bristle benzene-soap brushes (for prespotting and handbrushing with dry solvent)	2

SPOTTING AIDS	
Ammonia, 26	1 gallon
Acetic acid, 28 percent	1 gallon
Glacial acetic acid	1 quart
Oxalic acid crystals	5 pounds
Sodium perborate	5 pounds
Borax	10 pounds
Permanganate of potash	1 pound
Bisulphite of sodium	5 pounds
Standard paint and grease remover	2 gallons
Standard prespotter	2 gallons
Standard ink remover	1 pint
Standard digester	½ pound
Standard lipstick and rouge remover	1 pint
Amyl acetate	1 quart
Combination wet and dry spotter	1 gallon
Eye-dropper bottles	6
Spotting brushes, black and white	1 each
Spatule (bone scraper)	2
Rust remover (in tube or rubber bottle)	1
Hydrogen peroxide (10 vols. 3 percent)	8 ounces
Cheesecloth	10 yards
Chamois	1
Turkish towels	1 dozen
Spray gun for spotting department (either compressed air or city water pressure)	1

WETCLEANING SUPPLIES	
Bristle brushes, approximately 2 by 5 inches	2
Scouring brush	1
Standard tallow neutral chip soap	1 barrel
Liquid coconut-oil-base soap	5 gallons
Sulphated fatty alcohol soap (soapless soap)	25 pounds
Hydrosulphite of soda	1 pound
Chloroform substitute	1 gallon
Retouching dye pads	1 set
Retouching dye sticks	1 set
Standard soda	1 barrel
Common salt	100 pounds

FINISHING DEPARTMENT	
Press pads, cut to size	6
Press pad covers	18
Cover springs	6 cards
Spray guns for presses	2
Stapling machine	1
Staples	5,000
Record Book No. 39	1
Standard sales or receipt books	50
Moth spray	1 gallon
Paradichlorobenzene crystals	5 pounds

PACKAGING SUPPLIES	
Hangers	3,000
Garment bags (suit—36 inches)	1,500
Garment bags (dress—54 inches)	1,500
Mothproof bags (suit)	100
Mothproof blanket bags	100
Dress shields (for hangers)	2,000
Trouser guards	3,000
Pins, common	1 pound
Pins, safety No. 1	20 gross
Pins, safety No. 2	5 gross
Pins, safety No. 3	5 gross
Tags	10,000
Dress boxes (light)	200
Suit boxes (heavier)	100
Curtain boards	1 bundle
Necktie envelopes, boards and bands	200 each
Glove bags	1,000
Hat bags	1,000
Tie boxes	200
Cotton twine	10 pounds
Cellophane ribbons	1 roll
Wrapping paper, 30-inch	1 roll
Wrapping paper, 36-inch	1 roll
Gummed tape	2 rolls
Scotch tape	2 rolls
Paper cutter	1
Scotch-tape dispenser	1

After acquiring experience with various brands and types of products, the young drycleaner will be in a better position to gain the benefits of buying in quantity. The supplies listed here are entirely adequate aiming for an early volume of $300 to $500 a week. # #

EFFECTS OF PRICE CHANGES

ALTHOUGH the whole subject of price is highly controversial, there can be no argument with the axiom, "Look before you cut."

Neither of the two price charts given here reflects the situation in any specific cleaning plant. The tables have been prepared merely to show the effects of changed prices under certain assumed conditions. In this respect the information is applicable from a theoretical viewpoint to any plant in the country.

Price Chart 1

Most cleaning plants are laid out to produce a certain number of pieces or pounds per week regardless of price charged. The first table reflects the results of reduced prices in a plant equipped to handle 1,000 pieces per week at prices averaging $1 per piece.

This "base situation" is recorded in the first line. Column A sets up the various assumed piece prices. Column B reads 1,000 pieces all the way through since the plant is operating at full capacity irrespective of retail charges. Column C reveals the plant's reduced income in dollars while Column D shows identical reductions in percentages. Columns E, F and G point out how reduced prices swell productive labor costs with three different percentages taken as the base.

It is assumed that both quality and wage rates remain stationary. Under these circumstances, if an

Price Chart 1

A	B	C	D	E	F	G
				If productive payroll is now		
Price per Piece	Pieces per Week	Sales per Week	% Decrease in Weekly Sales Below $1 Prices	25%	30%	35%
				At reduced prices productive payroll will become		
$1.00	1,000	$1,000		25.0%	30.0%	35.0%
.90	1,000	900	10%	27.7%	33.3%	38.8%
.80	1,000	800	20%	31.2%	37.5%	43.5%
.70	1,000	700	30%	35.7%	42.5%	50.0%
.60	1,000	600	40%	40.6%	50.0%	58.3%
.50	1,000	500	50%	50.0%	60.0%	70.0%

Price Chart 2

A	B	C	D	E	F	G	H	I
					If productive payroll is now			
Price per Piece	Weekly Sales in Dollars	Pieces per Week	Percentage of Increase in Pieces above 1,000	Man-hours Required	25%	30%	35%	Percentage of costs to be allotted to supplies
					At reduced prices productive payroll will become			
$1.00	$1,000	1,000		300.0	25.0%	30.0%	35.0%	7.0%
.90	1,000	1,112	11.2%	333.6	27.8%	33.3%	38.9%	7.7%
.80	1,000	1,250	25.0%	375.0	31.2%	37.5%	43.7%	8.7%
.70	1,000	1,429	42.9%	428.7	40.7%	42.8%	50.0%	10.0%
.60	1,000	1,667	66.7%	500.0	41.6%	50.0%	58.3%	11.6%
.50	1,000	2,000	100.0%	600.0	50.0%	60.0%	70.0%	14.0%

operator has a productive labor cost of 30 percent at $1 prices, he pays out 30 cents to produce each piece. Furthermore, he continues to pay 30 cents per piece no matter what he charges the customer. While the actual lump sum in dollars paid out each week is the same in every case, the labor cost mounts percentage-wise in relation to the decreasing cash coming in.

Price Chart 2

Approaching reduced prices from a different viewpoint, the second table shows the possible effects of attempting a uniform dollar volume at lowered prices per piece.

Line one, again, is the base—a plant handling 1,000 pieces per week at an average retail charge of $1 per piece. Column A establishes the assumed prices. Column B is the same in every case since the table is set up on the assumption that an attempt is being made to maintain weekly income at $1,000. Column C reports the increasing number of pieces needed to retain the same volume in sales.

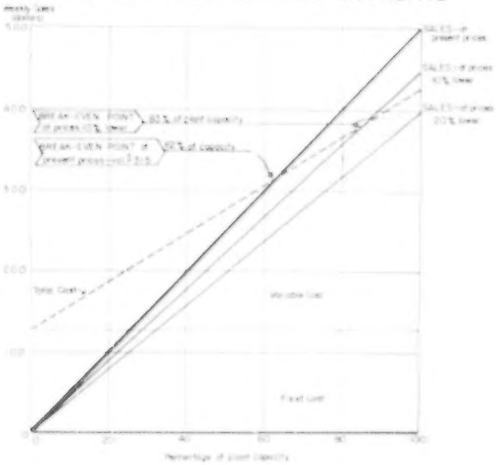
Column D interprets increased pieces required in terms of percentages. Note that while a drop from $1 per piece to 80 cents per piece is a cut of only 20 percent in price, the added number of pieces needed is rated at 25 percent. This is explained by the fact that, while additional pieces are being brought in to maintain $1,000 weekly sales at reduced prices, all of this new business produces 20 cents per piece less than do pieces selling at $1. Consequently, the percentage necessary in increased orders will always be greater than the actual percentage of the price cut. Finally, as shown in the last line, a 50 percent reduction in price demands a 100 percent rise in the number of pieces.

Column E records the number of man-hours required to produce certain dollar volumes at various piece prices. Columns F, G and H show the effect on the productive payroll.

Column I reports the percentages of costs which must be allotted for supplies to process the heightened piece volume while dollar volume remains fixed. Here, again, it is supposed that quality of the work and wage rates do not fall off with the declining prices.

It is further assumed that the plant produces 1,000 pieces per week at maximum efficiency. Consequently, the increased pieces required can be processed only by hiring new help. In this case, the actual amount paid out to labor climbs while the number of dollars received from the customers remains fixed.

EFFECT OF PRICE REDUCTION ON PROFITS



With plant operating at 80 percent of capacity, 10 percent price decrease would reduce sales to $360 per week, raise break-even point to $375. If sales at reduced price were increased to full plant capacity ($450 weekly), profits would be less than if no reduction. With 20 percent price reduction, break-even point would exceed plant capacity.

RELATIONSHIP OF VOLUME—PROFIT

WHAT counts at the end of the year is the actual dollars in your pocket, regardless of what percentage of sales or invested capital it represents. That's what a man has to live on and have fun on. Percentages tell him how efficient his operations are, which only makes him mad.

The table given here shows how profit percentages must change on a fluctuating volume to enable a plant-owner to maintain a steady dollar income. If his volume is dropping it indicates the point at which he must hold his costs. With increasing volume it tells how much his costs may be permitted to increase and still provide him with the same number of dollars at the end of the year.

Percentage Increase or Decrease in Volume	Profit Percentage Necessary To Hold Dollar Income	
	A	B
150	9.5	4.9
140	10.3	5.2
130	11.1	6.1
120	12.2	6.9
100 starting point	15.0	7.5
90	17.0	8.2
80	19.5	9.5
70	23.0	11.0
60	27.7	13.2
50	35.3	16.3

In this chart two percentages (15 percent and 7½ percent) were selected merely as examples of the effects of volume changes on the profit. If the dollar profit equals 15 percent of the current volume, then Column A shows the decrease in percentage of total volume that this dollar volume represents as the dollar volume increases. Likewise, it shows the increase in percentage of sales represented by this dollar profit when total sales decrease. If the current profit equals 7½ percent of sales, a similar relationship is indicated in Column B.

For those who wish to toy with such figures, here is the formula for estimating percentages of sales necessary to maintain dollar profits:

1. Set down percent of sales at start as decimal	0.15
2. Add number 1 (1 plus .15)	1.15
3. Multiply by percentage change in volume (10% — .10)	0.115
4. Subtract from number 1 (1 — .115) if volume decreased	0.885
5. Divide into starting percentage (.15 ÷ .885) or 17 percent profit to be maintained	0.17
4. If volume increased, add .115 to number 1	1.115
5. Divide into starting percentage (.15 ÷ 1.115) or 12.2 percent profit to be maintained	0.122

WAGE INCENTIVES

Purposes of Wage Incentives

A. To enable workers to earn larger total or "take home" pay.

B. To obtain for management sufficiently increased production to maintain or lower *unit costs*.

C. To correct wage injustices by keeping wage payments in direct proportion to output—on the principle that "no wages are too high if earned."

Main Obstacles to Installation and Smooth Operation

A. Lack of standardization of articles to be processed.

B. Dissimilarity of methods among different plants.

C. Variety in type and kind of equipment used.

D. Difficulties of explaining and making clear to employees purposes and rewards of plan.

Essential Preliminaries

A. Improvement in plant equipment and methods.

B. Efficient layout and workflow.

C. Measurement, by time studies or otherwise, of normal output of all types of work after putting equipment and processes on improved and standardized basis.

D. Job Analysis—the analysis and listing of all tasks included in any specific job.

E. Job Evaluation—establishing relative values of different jobs in drycleaning plant.

F. Selection of personnel.

G. Aptitude testing.

H. Training.

I. Setting up of organization chart, clearly defining lines of authority and responsibility.

J. Preparation, in written form, of standard practices and methods.

Further Details of Preliminaries

A. Improvement of methods based on type and grade of service.

Example: Base price 49 cents. High production standards in finishing and packing.
Modified inspection.
Base price $1.50—Lower production standards.
Rigid inspection to maintain high quality workmanship, finishing, packaging. Greater emphasis on employee selection, individual skills.

Both quality and quantity standards should be clearly defined, put in writing before installation of wage incentive plan.

B. Plant layout, workflow, selection and arrangement of equipment. Developed by consideration of owner, manager, superintendent and skilled engineers either from inside plant or outside specialists.

An integral and vital part of the installation of an incentive plan is the work which the plantowner and his supervisors and engineers do to make every motion of every employee easier.

Examples: Shorten distance from which presser must reach for work and extend arm to hang finished garment on line. If press head suddenly tightens up, extra foot-pound of pressure required to bring it down mounts up to tons of extra effort if repeated all day long.
Five-foot girl who must hang garments on rack made for five-foot-six employee has exerted hundreds of foot-pounds of additional lift at end of day. Prompt provision of platform on which hanger or assembler may work will increase output, prevent dissatisfaction.

If each task and motion is made easier, it is possible to improve quality while greatly increasing speed of production.

C. Time studies, or measurement of output at normal speed, made with quality standards already established in mind.

D. Job Analysis. Prepared with cooperation of supervisors and workers.

E. Job Evaluation. Preparation with cooperation of supervisors and workers. Essential for establishment of basic wage rates.

Based on (1) Physical qualifications and working conditions.

COST COMPARISONS OF 169 PLANTS FOR THE YEAR 1948

Grouped According to Sales Volume (Percent Shown of Total Sales)

Annual Sales	Under $25,000	$25,001 to $40,000	$40,001 to $60,000	$60,001 to $80,000	$80,001 to $100,000	$100,001 to $150,000	$150,001 to $300,000	Over $300,000
Total Number of Plants	29	35	23	19	17	17	17	12
SALES DISTRIBUTION	%	%	%	%	%	%	%	%
Call and Delivery	37.82	59.34	59.27	63.41	73.90	66.39	74.33	45.73
Branch Stores	.57	5.01	1.14	8.23	2.84	11.90	9.26	43.46
Plant Retail	56.77	34.50	34.92	26.73	22.06	19.11	15.10	8.46
Work for Press Shops, etc.	4.84	1.15	4.67	1.63	1.20	2.60	1.31	2.35
TOTAL SALES	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
PRODUCTION COSTS	% Cost	% Cost	% Cost	% Cost	% Cost	% Cost	% Cost	% Cost
Direct Labor	38.85	37.18	36.90	37.81	36.84	36.40	33.63	27.94
Outside Work	1.61	.85	1.83	2.08	1.07	1.26	1.88	1.78
Supplies:								
Solvent	3.00	2.37	2.20	2.36	1.90	2.17	1.76	1.33
Soaps, Chemicals, etc.	3.46	2.95	2.43	2.54	2.72	2.76	2.18	1.98
Boxes, Bags, Hangers, etc.	3.49	2.91	3.01	2.80	2.92	2.85	2.74	2.94
All Other Supplies	1.74	1.48	1.50	1.55	1.25	1.26	1.09	1.10
TOTAL SUPPLIES	11.69	9.71	9.14	9.25	8.79	9.04	7.77	7.35
Power, Light & Heat	6.68	5.91	5.13	4.03	5.22	4.17	3.88	3.50
Building	4.13	4.21	3.42	3.56	2.97	3.63	3.13	2.26
Machinery	5.79	5.48	3.86	4.85	2.61	3.25	3.93	2.55
TOTAL PWR. BLDG. & MACH.	16.60	15.60	12.41	12.44	10.80	11.05	10.94	8.31
Production Overhead	2.45	3.81	4.28	4.48	4.40	4.11	5.72	5.30
TOTAL PRODUCTION COSTS	71.20	67.15	64.55	66.06	67.40	61.86	59.94	50.68
SELLING & DISTRIBUTION								
Advertising	1.90	2.47	2.39	2.80	2.58	2.58	3.17	2.88
Allowances, Bad Debts	.28	.23	.16	.38	.34	.51	.25	.19
Claims	.18	.46	.48	.39	.71	.67	.69	.84
Delivery:								
Wages & Commissions	.93	4.56	6.69	6.59	8.32	9.35	10.62	11.53
Truck Maintenance	1.88	2.22	2.39	2.35	2.56	2.74	2.16	2.34
Misc. Delivery Expense	.50	.76	.86	.57	1.27	1.48	1.78	1.20
Branches:								
Rent	.19	.48	.01	.47	.39	.44	.60	3.86
Wages & Commissions	.14	.33	.16	1.56	.91	2.37	1.55	5.59
Misc. Branch Expense	.01	.12	.76	.30	.48	.43	.30	1.59
TOTAL SELL. & DIST.	6.01	11.63	13.90	15.41	17.56	20.17	21.12	30.02
OFFICE & ADMINISTRATIVE								
Office Salaries	3.77	4.51	4.13	3.64	3.02	4.41	4.03	3.61
Office Expense	1.31	1.41	1.00	1.89	1.16	1.81	1.79	1.18
Executive Salaries	6.20	6.10	5.24	7.37	6.32	6.08	5.59	3.93
Administrative Expense	.98	1.36	2.17	1.17	1.83	1.76	2.41	1.72
TOTAL OFFICE & ADM.	12.26	13.38	12.54	14.07	12.33	14.06	13.82	10.44
Total Expense	89.47	92.16	90.99	95.54	91.80	96.09	94.88	91.14
Net Profit	10.53	7.84	9.01	4.46	8.20	3.91	5.12	8.86

(2) Mental qualifications and education.
(3) Specific job skill and related experience.
(4) Responsibilities and personality traits.

Example. Junior in many plants most important of non-executive workers, with possible exception of quitters and silk finishers. Greater responsibilities, broader variety of duties than assembler. On other hand, assembler requires clerical ability, more accurate recognition of figures, letters and handwriting than junior. Wool presser might be illiterate, need only count own output. But janitor must read and understand notes left for him by plant manager, superintendent and others.

F and G. Aptitude testing necessitated by failure of many employees to recognize own natural abilities.

Examples. Employee who cannot remember four-digit number for one minute assigned to assembling.
Employee inaccurate in counting and recording numbers, figures and classifications assigned for job at market.
Affectionate, persuasive, intelligent, sensitive employee unhappy and possibly promoter of discontent on repetitive job, on sales force or otherwise dealing with public, may be of great value to employer and personally contented.

H. Training supplemented by definite up-grading program. Most employees work more contentedly and with better results if entire organization operates on principle of promoting capable people as rapidly as possible.

Establishment of Rates Under Wage Incentive Plan

1. Base wage rate based on established normal output, basic task which employer has right to expect and which employee has duty to perform.

Base rate usually paid if employee regularly averages 75, 80 or 85 percent of normal output.

2. Bonus, in addition to base wage rate, for production in excess of basic performance rate.

a. Payment of graduated bonus, beginning with small bonus when about 85 percent of standard is reached, bonus rate increasing until it reaches top limit of production.

Example. If wool presser can easily press 10 suits per hour, that becomes basic performance rate. Most plans would begin to pay small bonus at about 8½ suits per hour, with

COST PERCENTAGES FOR THE YEAR 1948

Grouped Geographically According to Price and Labor Conditions

Total Number of Plants	Group I 96		Group II 41		Group III 32		Average 169		
SALES DISTRIBUTION	%	Weighted	%	Weighted	%	Weighted	%	Weighted	
Call and Delivery	61.44	Average	57.28	Average	50.66	Average	58.66	Average	
Branch Stores	20.84	Selling	17.80	Selling	29.53	Selling	21.66	Selling	
Plant Retail	15.84	Price	23.14	Price	16.09	Price	17.51	Price	
Work for Press Shops, etc.	1.88		1.78		3.72		2.17		
TOTAL SALES	100.00	$1.1749	100.00	$ .9432	100.00	$1.3200	100.00	$1.1462	
PRODUCTION COSTS	%	Cost $	%	Cost $	%	Cost $	%	Cost $	NICD "Normal"
Direct Labor	31.86	.3743	31.97	.3015	36.84	.4863	32.74	.3753	29.00
Outside Work	1.83	.0215	.70	.0066	2.23	.0294	1.64	.0188	
Supplies:									
Solvent	1.69	.0196	2.16	.0204	1.60	.0211	1.78	.0204	1.75
Soaps, Chemicals, etc.	2.29	.0269	2.47	.0233	2.24	.0296	2.32	.0266	2.00
Boxes, Bags, Hangers	2.96	.0348	3.52	.0332	1.86	.0246	2.90	.0332	2.00
All Other Supplies	1.22	.0143	1.33	.0125	1.07	.0141	1.22	.0140	1.25
TOTAL SUPPLIES	8.16	.0959	9.48	.0894	6.77	.0894	8.22	.0942	7.00
Power, Light & Heat	4.33	.0509	4.50	.0424	3.00	.0396	4.14	.0475	4.50
Building	3.21	.0377	2.66	.0251	2.48	.0327	2.96	.0339	3.50
Machinery	3.39	.0398	3.34	.0315	3.36	.0443	3.37	.0386	5.00
TOTAL PWR. BLDG. & MACH.	10.93	.1284	10.50	.0990	8.84	.1167	10.47	.1200	13.00
Production Overhead	4.50	.0529	5.62	.0530	5.36	.0708	4.90	.0562	6.00
TOTAL PRODUCTION COSTS	57.28	.6730	58.27	.5496	60.04	.7973	57.97	.6645	55.00
SELLING & DISTRIBUTION									
Advertising	3.26	.0383	2.20	.0208	1.94	.0256	2.79	.0320	5.00
Allowances, Bad Debts	.18	.0021	.41	.0039	.37	.0049	.27	.0031	
Claims	.66	.0077	.94	.0089	.48	.0063	.69	.0079	1.50
Delivery:									
Wages & Commissions	8.96	.1053	9.96	.0939	11.29	.1490	9.58	.1098	11.00
Truck Maintenance	2.51	.0295	2.13	.0201	2.08	.0275	2.35	.0269	7.50
Misc. Delivery Exp.	1.18	.0139	1.17	.0110	1.36	.0179	1.21	.0139	
Branches:									
Rent	2.59	.0304	.69	.0065	.46	.0061	1.80	.0206	
Wages & Commissions	3.57	.0419	2.00	.0189	2.43	.0321	3.02	.0346	
Misc. Branch Exp.	1.24	.0146	.34	.0032	.18	.0024	.86	.0098	
TOTAL SELL. & DIST.	24.15	.2837	19.84	.1871	20.59	.2718	22.57	.2587	25.00
OFFICE & ADMINISTRATIVE									
Office Salaries	3.67	.0431	4.41	.0416	3.64	.0480	3.83	.0439	3.50
Office Expense	1.40	.0164	1.29	.0122	1.70	.0224	1.43	.0164	1.50
Executive Salaries	5.27	.0619	5.95	.0561	3.86	.0509	5.18	.0594	7.00
Administrative Exp.	1.83	.0215	1.99	.0188	1.59	.0210	1.82	.0209	1.00
TOTAL OFFICE & ADM.	12.17	.1430	13.64	.1287	10.79	.1424	12.26	.1405	13.00
Total Expense	93.60	1.0997	91.75	.8654	91.42	1.2067	92.80	1.0637	93.00
Net Profit	6.40	.0752	8.25	.0778	8.58	.1133	7.20	.0825	7.00

Group III: All states, including and west of Colo., N. M., Mont. & Wyo.
Group II: Tex., Okla., Ark., La., Tenn., Miss., Ala., Ga., Fla., S. C., N. C. & Va.
Group I: All remaining states

basic rate increasing as production goes above 10 per hour until it reaches top production rate at which discharger may safely operate without deterioration of quality.

b. Controversial alternative—proportionate payments per unit of production all the way through incentive setup.

Example. If packer receives 60 cents per hour and his task or performance rate is 10 units per hour, labor cost is 6 cents per unit. But if by installation of new and better equipment, process is enabled to turn out 15 units per hour of equivalent quality and with no more physical exertion, plant-owner-investor should have reward for providing these facilities.

Arguments in such cases can usually be resolved to satisfaction of all parties by employment of outside industrial engineer with good reputation in field.

3. Establishment of production limit to protect standards of quality.

4. Merit rating. Differences in basic rate based on employee's day-to-day performance, attendance, co-operativeness in general attitude, and other pertinent factors, tangible and intangible. Records to be kept in form obtainable from any industrial engineering firm. Periodic review at regular intervals.

Administration of Wage Incentive Plan

1. Record keeping. Complete facilities essential for recording of employee output.

a. Frequent recording of individual production—at least once per hour, many plants record production every half hour.

b. Accessibility. Records easily seen and checked by employee.

2. Supervision. Operation of plan places much greater burden on supervisors. Supervision must be constant, tactful, firm, alert for improvement of working conditions and equipment.

The secret of successful wage incentive plan operation is constant vigilance.

Benefits of Wage Incentive System

Most employees, especially on repetitive jobs, work

at about 66 percent of their actual capacity. If they are brought up to 100 percent of their own abilities, and if they and their employers benefit proportionately, this will amount to a 50 percent increase in output.

The difference between drycleaning *plants* and the neighborhood press shops or tailor shops consists in the utilization of machines by the plantowner. Therefore, under the wage incentive system the drycleaning plant operator gets an extra benefit from the fact that his machines as well as his employees are used at more nearly their standards of capacity.

Actually, however, when bonuses are paid for extra production and these bonuses are graduated to pay slightly more per unit above 100 percent, the result from the better employees is usually an output approximately 120 percent of capacity. On such a regular premium production, the employee can often increase his earnings by 25 percent or more.

The whole purpose of the wage incentive plan is to encourage and pay the employee for working steadily at his or her best (yet comfortable) rate of work. In fact, the chief reward to the plantowner in the establishment of wage incentives is to obtain a standard hour's production from his employees each hour of the day. If that aim only is achieved, it is well worth all of the expense, paper work and supervision required. # #

Production Standards

Pounds per Man-Hour

	A	B	C	D	E	F	G	H	I	J
Marking	481.6		69.3	96.8	50.0	44.4	52.9	27.3	59.1	51.7
Cleaning	72.9	76.0	37.7	40.4	14.0	26.0	30.4	28.0	20.3	26.8
Finishing	30.2	34.5	15.5	14.0	10.0	9.8	11.0	9.7	8.1	6.0
Packing	291.4	75.4	100.3	42.1	37.6	42.0	27.0	37.3	41.6	37.0

Pieces per Man-Hour

	A	B	C	D	E	F	G	H	I	J
Marking	385.3		60.2	67.6	41.4	39.4	40.2	23.1	57.7	49.6
Cleaning	58.4	54.8	32.8	28.2	11.6	23.1	23.1	23.4	19.9	25.6
Finishing	24.1	24.8	13.5	9.8	8.3	8.7	8.4	8.1	7.9	5.7
Packing	233.1	54.4	87.1	29.4	31.2	37.1	20.3	31.6	40.7	35.5

Definitive production standards applicable to any cleaning plant cannot be given for many reasons such as constant changes in methods and equipment, variations in quality standards, job doubling up, especially in small plants. Figures above are from 10 well-managed plants ranging from very low to very high production rates, $5,000 to $45,000 weekly volume, 39-cent to $1.35 prices. Spotting is not included because widest variation in standards is found in that department. High-quality operators should equal lowest output shown; mass-production plants should aim at the top.

Southern Service Production Standards

PRODUCTION JOB	PIECES PER MAN-HOUR
Pressing trousers	40
Pressing men's coats	35
Pressing long coats*	20
Finishing long coats by steam-air	40
Pressing skirts**	30
Marking	150
Assembling	125
Pressing mixed wools	20
Pressing silk dresses***	12

*Men's and women's topcoats and lightweight fall and winter coats.
**Without bodices.
***Plain and fancy as they come.

Standards of Southern Service Company of California prove that small plants can achieve high production. Prewar volume of this company's plants ranged from about $800 to $5,000 per week, average about $1,500. Smallest in group had same standards as largest.

data for BOILER EFFICIENCY

DETERMINATION of boiler efficiency is dependent upon four variable elements: (1) actual evaporation of coal, (2) steam pressure in pounds per square inch, (3) feed-water temperature in degrees Fahrenheit, and (4) heating value of the fuel in B.t.u.'s.

In the table (facing page) boiler efficiencies are computed on the basis of varying feed-water temperatures while the other three factors remain constant. Boiler efficiencies can be determined by using this table together with the correction factors listed for variations in the other three elements.

In the use of these tables the first point to be determined is actual evaporation. This involves two items: the quantity of fuel consumed and the quantity of steam delivered at the boiler nozzle.

The quantity of fuel consumed can be determined by weighing the coal fired or metering the oil fed to the burners. The quantity of oil should be corrected to obtain gallons of oil at 60 degrees F. These correction factors can be obtained from the local fuel dealer for the oil he supplies.

The quantity of steam can be determined by an electrical or mechanical type of steam flowmeter using an orifice plate in the boiler head.

The quantity of water fed to the boiler can be metered by means of a hot water disc meter calibrated in pounds for the average feed-water temperature which is a less costly method of determining the steam made, although allowance must be made for the loss due to boiler blowdown.

Actual evaporation =

$$\frac{\text{Pounds of water fed to boiler less blowdown}}{\text{Pounds or gallons of fuel}}$$

or

Actual evaporation =

$$\frac{\text{Pounds of steam delivered by the boiler}}{\text{Pounds or gallons of fuel}}$$

Steam pressure is obtained by averaging the hourly pressure readings of the boiler gauge or averaging the reading of a steam pressure recorder.

The average feed-water temperature can be obtained by using a liquid-in-tube type of thermometer in the feed-water line and averaging the hourly reading or averaging the temperature of a feed-water recording thermometer. The heating value of fuel usually can be obtained from a local coal or fuel oil dealer.

Boiler efficiency is an indicator of whether a plant is obtaining steam at the lowest possible cost. The following table shows the average range of efficiency obtained with different types of boilers and methods of firing:

engineering

TYPE OF BOILER	METHOD OF FIRING	PROPER BOILER EFFICIENCY RANGE
Water-Tube	Oil	77%-81%
Water-Tube	Stoker	75%-79%
Water-Tube	Hand	73%-77%
Fire-Tube	Oil	75%-79%
Fire-Tube	Stoker	72%-77%
Fire-Tube	Hand	70%-74%

If an oil-fired fire-tube type of boiler is operating at 68 percent efficiency, changes in firing equipment or furnace design can increase the boiler efficiency to 76 percent, thus giving an 8 percent saving in the annual fuel bill. Boiler efficiency can be used as a starting point in making changes in the boiler room to procure savings that are really hidden profits.

The accompanying data from the log sheets of a typical oil-fired and coal-fired plant illustrate the use of the boiler efficiency tables.

OIL-FIRED PLANT	
Steam delivered by boilers	70,000 lbs.
Oil consumed by burners	608 gals. at 60° F.
Steam pressure, gauge	125 lbs./sq. in.
Feed-water temperature	194° F.
Heating value of oil, 60° F.	152,000 B.t.u./gal.

Boiler efficiency is calculated as follows: Actual evaporation $= \frac{70{,}000}{608} =$ 115 lbs. steam/gal. of oil. Efficiency for 190° F. feed-water temperature and 120 lbs. steam/gal. of oil and 151,000 B.t.u./gal. of oil from chart = 80.8%.

This table efficiency should be multiplied by .958, the correction factor for 115 lbs. steam/gal. of oil evaporation, and .993, the correction factor for 152,000 B.t.u./gal. of oil.

Boiler Efficiency = 80.8% × 0.958 × 0.993 = 76.9%.

It will be noted in the boiler efficiency tables that there is an 8 percent drop in efficiency with each ten-degree rise in feed-water temperature; that is, .08 percent for each one-degree increase in feed-water temperature. Since makeup water was at 194 degrees in the data above and calculation was based on 190 degrees, a final correction is necessary. This will decrease efficiency by 0.08% × 4 = 0.32% or to = 76.6%.

COAL-FIRED PLANT	
Water fed to boiler	50,000 lbs.
Coal fired	4,750 lbs.
Steam pressure gauge	125 lbs./sq. in.
Feed-water temperature, average	200° F.
Heating value of coal, as fired	13,500 B.t.u./lb.

Boiler efficiency is calculated as follows:

Actual evaporation $= \frac{50{,}000}{4{,}750} =$ 10.5 lbs. water/lb. coal

Efficiency for 200° F. feedwater and 11.0 lbs. water/lb. coal evaporation and 14,000 B.t.u./lb. coal from chart = 79.1%

This table efficiency should be multiplied by .955, the correction factor for 10.5 lbs. water/lb. coal evaporation, and by 1.037, the correction factor for 13,500 B.t.u./lb. coal.

Boiler Efficiency = 79.1 × .955 × 1.037 = 78.3%

In both of the above examples the steam pressure was taken at 125 pounds gauge, thus correction factors for variations in steam pressure were not required. There is a big gain, when operating a steam engine, in running the boiler at higher pressures, although the efficiency is only slightly affected by changes in pressure.

Boiler Efficiency Tables

(Based on 2% Moisture in Steam)

FUEL OIL

Actual Evap. Lbs. H_2O/gal. of Oil	Steam Press. Lbs. per sq. in. gauge	Feed-water Temp. F.	Heating Value of Fuel B.t.u./gal. at 60° F.	Effic. %
120	125	210	151,000	79.2
120	125	200	151,000	80.0
120	125	190	151,000	80.8
120	125	180	151,000	81.6

If evaporation is	125	multiply efficiency by	1.042
If evaporation is	115	multiply efficiency by	0.958
If evaporation is	110	multiply efficiency by	0.917
If evaporation is	105	multiply efficiency by	0.875
If evaporation is	100	multiply efficiency by	0.833
If evaporation is	95	multiply efficiency by	0.792
If evaporation is	90	multiply efficiency by	0.750
If evaporation is	85	multiply efficiency by	0.708

If heating value of fuel is	144,000	multiply efficiency by	1.048
If heating value of fuel is	146,000	multiply efficiency by	1.034
If heating value of fuel is	148,000	multiply efficiency by	1.020
If heating value of fuel is	150,000	multiply efficiency by	1.005
If heating value of fuel is	152,000	multiply efficiency by	0.993

If pressure is	100 lbs.	multiply efficiency by	.9975
If pressure is	110 lbs.	multiply efficiency by	.9985
If pressure is	120 lbs.	multiply efficiency by	.9995
If pressure is	130 lbs.	multiply efficiency by	1.0005
If pressure is	140 lbs.	multiply efficiency by	1.0015
If pressure is	150 lbs.	multiply efficiency by	1.0025

COAL

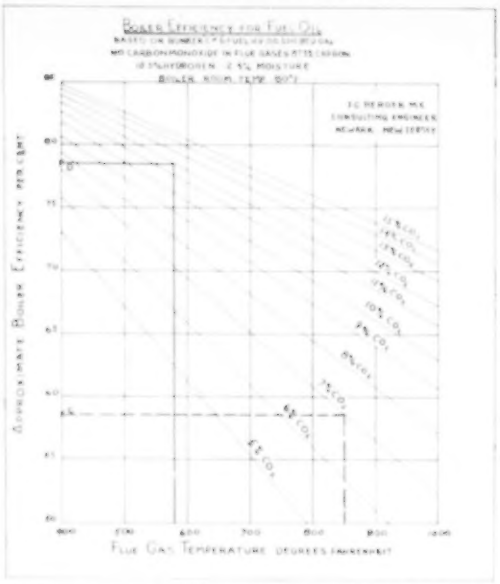
Actual Evap. Lbs. H_2O/lb. of Coal	Steam Press. Lbs. per sq. in. gauge	Feed-water Temp. F.	Heating Value of Fuel B.t.u./lb. as fired	Effic. %
11	125	210	14,000	78.3
11	125	200	14,000	79.1
11	125	190	14,000	79.9
11	125	180	14,000	80.7

If evaporation is	11.5	multiply efficiency by	1.045
If evaporation is	10.5	multiply efficiency by	0.955
If evaporation is	10.0	multiply efficiency by	0.909
If evaporation is	9.5	multiply efficiency by	0.864
If evaporation is	9.0	multiply efficiency by	0.818
If evaporation is	8.5	multiply efficiency by	0.773
If evaporation is	8.0	multiply efficiency by	0.727

If heating value of fuel is	12,000	multiply efficiency by	1.167
If heating value of fuel is	12,500	multiply efficiency by	1.120
If heating value of fuel is	13,000	multiply efficiency by	1.077
If heating value of fuel is	13,500	multiply efficiency by	1.037
If heating value of fuel is	14,500	multiply efficiency by	0.966
If heating value of fuel is	15,000	multiply efficiency by	0.933

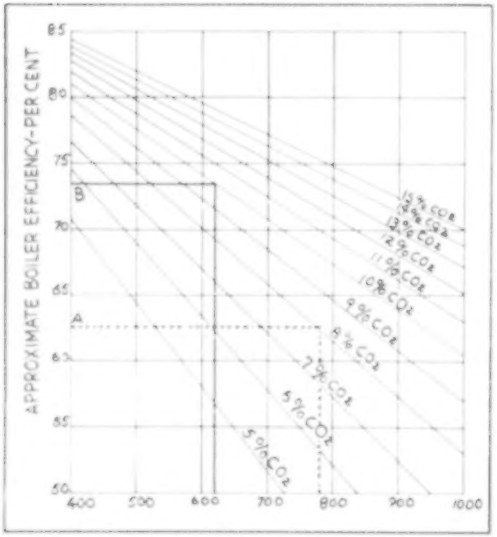
If pressure is	100 lbs.	multiply efficiency by	.9975
If pressure is	110 lbs.	multiply efficiency by	.9985
If pressure is	120 lbs.	multiply efficiency by	.9995
If pressure is	130 lbs.	multiply efficiency by	1.0005
If pressure is	140 lbs.	multiply efficiency by	1.0015
If pressure is	150 lbs.	multiply efficiency by	1.0025

Boiler Efficiency Chart for Fuel Oil



Flue gas temperature and CO_2 content known, find flue gas temperature on lower scale and follow up to diagonal line designating CO_2 percentage; point of intersection at left gives approximate boiler efficiency. Dotted line "C" illustrates that boiler with flue temperature of 850 degrees and 7 percent CO_2 content will have efficiency of approximately 58.5 percent. Lowering temperature to 580 degrees and increasing CO_2 to 12 percent would bring boiler efficiency up to 78.5 percent as shown by solid line "D"

Boiler Efficiency Chart for Soft Coal



Based on flue gas temperature and CO_2 content, the chart provides an approximate efficiency rating for coal-fired boilers. To compute the efficiency of an installation with a flue temperature of 620 degrees and CO_2 content of 10 percent, trace up from the 620 point at the bottom of chart to the diagonal line representing 10 percent; intersection gives approximate boiler efficiency rating of 73.5 percent

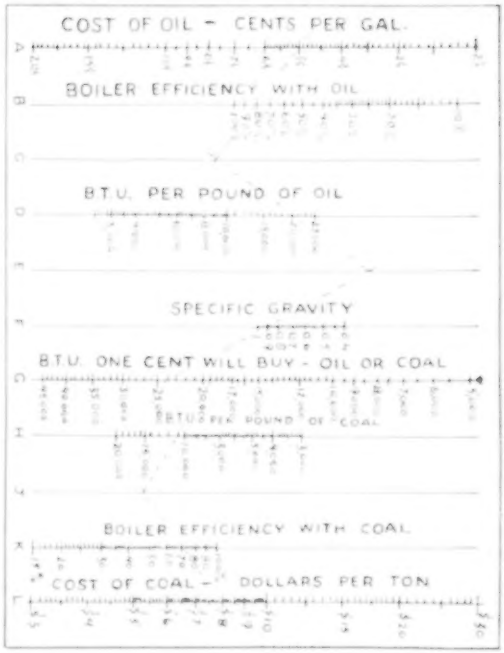
Coal and Oil Costs Compared

THE accompanying chart was developed to assist in checking the cost of coal and oil per B.t.u.

To use the chart zigzag through the cost of oil per gallon, column A; boiler efficiency with oil, column B; B.t.u. per pound of oil, column D; and the specific gravity, column F. The intersection with column G then gives the number of B.t.u.'s in the oil purchased for one cent.

Then zigzag from the bottom through the cost of coal, dollars per ton, column L; boiler efficiency with coal, column K; and B.t.u. per pound of coal, column H. The intersection with column G now gives the number of the B.t.u.'s in the coal that can be purchased for one cent, permitting a comparison with oil.

The dotted lines drawn across the chart show how oil at five cents per gallon is compared with coal at $8 per ton. In this special instance one cent will buy 24,000 B.t.u.'s of oil or a little over 19,000 B.t.u.'s of coal. Oil has the advantage under the conditions of this particular problem.



Gallons of Makeup Water To Feed Boilers

HORSEPOWER	GALLONS PER MINUTE	GALLONS PER HOUR
50	3.45	207
75	5.18	311
100	6.90	414
125	8.63	518
150	10.35	621
175	12.08	725
200	13.80	828
225	15.53	932
250	17.25	1035

ONE gallon of water weighs 8.34 pounds at 60 degrees Fahrenheit. One boiler horsepower equals

34.5 pounds of water or 4.14 gallons of water evaporated per hour from 212 degrees Fahrenheit.

Boiler h.p. × 34.5 = pounds of water required per hour

Boiler h.p. × 4.14 = gallons of water required per hour

Boiler h.p. × .069 = gallons of water required per minute. ≠ ≠

Losses from Boiler Scale

CHARACTER OF SCALE	THICKNESS	LOSS OF EFFICIENCY	COAL WASTED FROM EVERY TON OF COAL FIRED
Hard	1/50"	5.4%	100 lbs.
Hard	1/32"	7.2%	140 lbs.
Hard	1/25"	9.3%	180 lbs.
Hard	1/16"	12.6%	220 lbs.
Hard	1/9"	15.9%	320 lbs.

TO combat loss in efficiency and excessive fuel costs resulting from boiler scale, some plants remove all scale-forming elements from the water before it is fed to the boiler. This is the ideal method but not always practical. Under other circumstances, feed water is treated with compounds changing the elements in the water from those quick to attach themselves to the boiler to those that remain in solution or form a soft sludge that can be blown out. ≠ ≠

Sizes for Boiler Combustion Chambers

METHOD OF FIRING	BTU'S PER CUBIC FOOT	APPROXIMATE CUBIC FEET REQUIRED PER H. P.
Hand	50,000	1 1/10 cubic feet
Stoker	45,000	1 cubic foot
Oil	30,000	1 1/2 cubic feet
Pulverized Coal	20,000	2 1/4 cubic feet

IN computing cubic contents of combustion chambers measure the depth to bridgewall for underfeed stoker and hand firing, the entire depth for pulverized coal, oil or gas firing and for spreaders or overfeed stokers. Width times height times depth will give the cubic contents. From the table, an oil-fired installation requires 1 1/2 cubic feet of combustion chamber per horsepower, thus a 50 h.p. boiler should have about 75 cubic feet of combustion chamber. ≠ ≠

Boiler Heat Balances

(For Good, Fair and Poor Operating Conditions)

	COAL			FUEL OIL			NATURAL GAS			
	Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	
Heat lost in Unburned Coal	0.4	1.5	5.0							
Heat lost in Unburned Gas (CO, etc.)	0.2	0.4	5.0	0.2	0.6	6.0	0.2	0.6	5.0	Controllable Losses
Sensible Heat lost in Products of Combustion	4.8	6.8	10.8	4.8	6.8	10.8	4.8	6.8	10.8	
Heat lost in Excess Air	0.9	1.9	10.3	0.7	1.9	10.3	0.7	1.9	10.3	
Latent Heat lost in Water Vapor Products of Combustion	2.7	2.9	3.0	5.5	5.5	5.5	9.1	9.1	9.1	Fixed Losses
Radiation and Unaccounted-for Heat Losses (by difference)	1.2	2.5	4.0	1.2	2.5	4.0	1.2	2.5	4.0	
Heat used in Generating Steam	89.8	84.0	61.9	87.6	82.7	63.4	84.0	79.1	60.8	Steam
Based on Flue Gas Temperature, F.	300	400	600	300	400	600	300	400	600	
Based on Excess Air, percent	20	30	100	15	30	100	15	30	100	

Source: Bailey Meter Co.

A BOILER that is 84 percent efficient employs 84 percent of the B.t.u.'s in the fuel for the generation of steam. The accompanying table quotes the percentages of B.t.u.'s dissipated in various ways of coal-, oil- and gas-fired boilers under good, fair and poor operating efficiencies. These percentages are grouped under controllable losses, fixed losses and those used in generation of steam.

A good installation using coal has an efficiency of 89.8 percent while with a poor installation the efficiency falls to 61.9 percent. Controllable losses are 31.1 percent for the poor coal-fired installation and only 6.3 percent for the good installation.

Not all controllable losses may be eliminated; to reduce some of them greatly may increase others. For instance, if the loss due to excess air is reduced too much, the saving effected will be offset by the increasing losses from unburned gases or smoke. ≠ ≠

Proportions Between Feed Pipes and Main Line

(Number of Smaller Pipes to Equal Cross-sectional Area of One Larger Pipe)

MAIN LINE SIZES	FEED PIPE SIZES													
	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6
3/8	1													
1/2	1.6	1												
3/4	2.8	1.8	1											
1	4.5	2.8	1.6	1										
1 1/4	7.8	4.9	2.8	1.7	1									
1 1/2	10.6	6.7	3.8	2.4	1.4	1								
2	17.6	11.0	6.3	3.9	2.2	1.6	1							
2 1/2	25	15.7	9.0	5.5	3.2	2.4	1.4	1						
3	39	24.3	13.9	8.6	4.9	3.6	2.2	1.5	1					
3 1/2	52	32	18.5	11.4	6.6	4.8	2.9	2.1	1.3	1				
4	67	42	24	14.7	8.5	6.3	3.8	2.7	1.7	1.3	1			
4 1/2	83	52	30	18.5	10.7	7.8	4.8	3.3	2.2	1.6	1.3	1		
5	105	66	38	23	13.4	9.8	6.0	4.2	2.7	2.0	1.6	1.3	1	
6	151	95	54	33	19	14.2	8.6	6.0	3.9	2.9	2.3	1.8	1.4	1

Source: ASHE

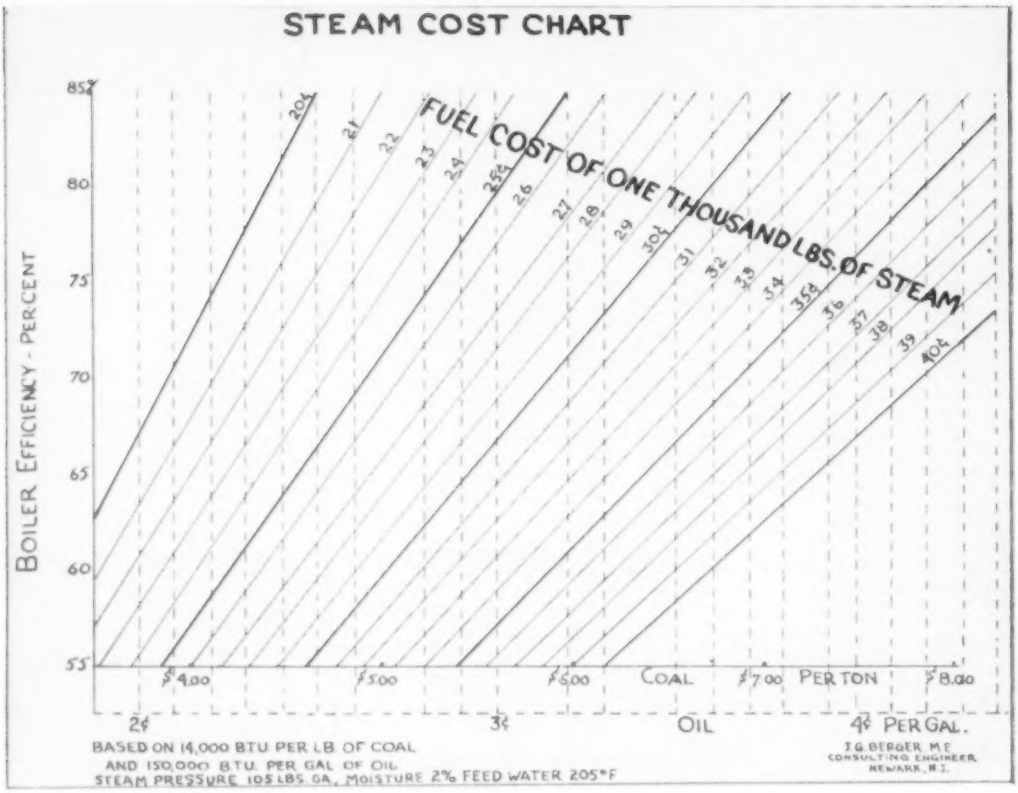
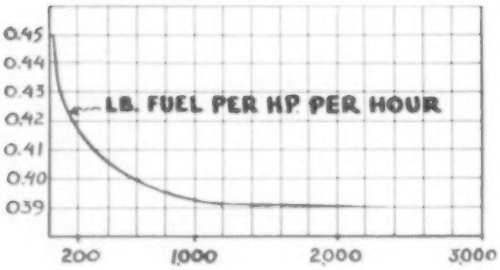


Chart indicates costs of steam at varying prices of coal and oil and with different over-all operating efficiencies. From cost of oil or coal at the bottom of the chart trace up to the point of assumed boiler efficiency on the scale at the left. Point of intersection on the slanting lines shows fuel costs per 1,000 pounds of steam. For example, a laundry burning No. 6 Bunker C oil selling at 2.6 cents per gallon with a boiler of 65 percent efficiency will be paying 26.7 cents per 1,000 pounds of steam. Improving the boiler efficiency to 75 percent will cut the cost to 23 cents, resulting in a saving of 3.7 cents per 1,000 pounds. A boiler 70 percent efficient burning 14,000 B.t.u. coal selling at $5 per ton will deliver 1,000 pounds of steam at 25.5 cents per 1,000 pounds. This chart may be employed in plotting comparative costs between coal and oil or figuring possible savings from stokers and combustion controls

Diesel Fuel Consumption

THE accompanying chart plots approximate fuel consumption of various diesels based on prewar diesel efficiencies.

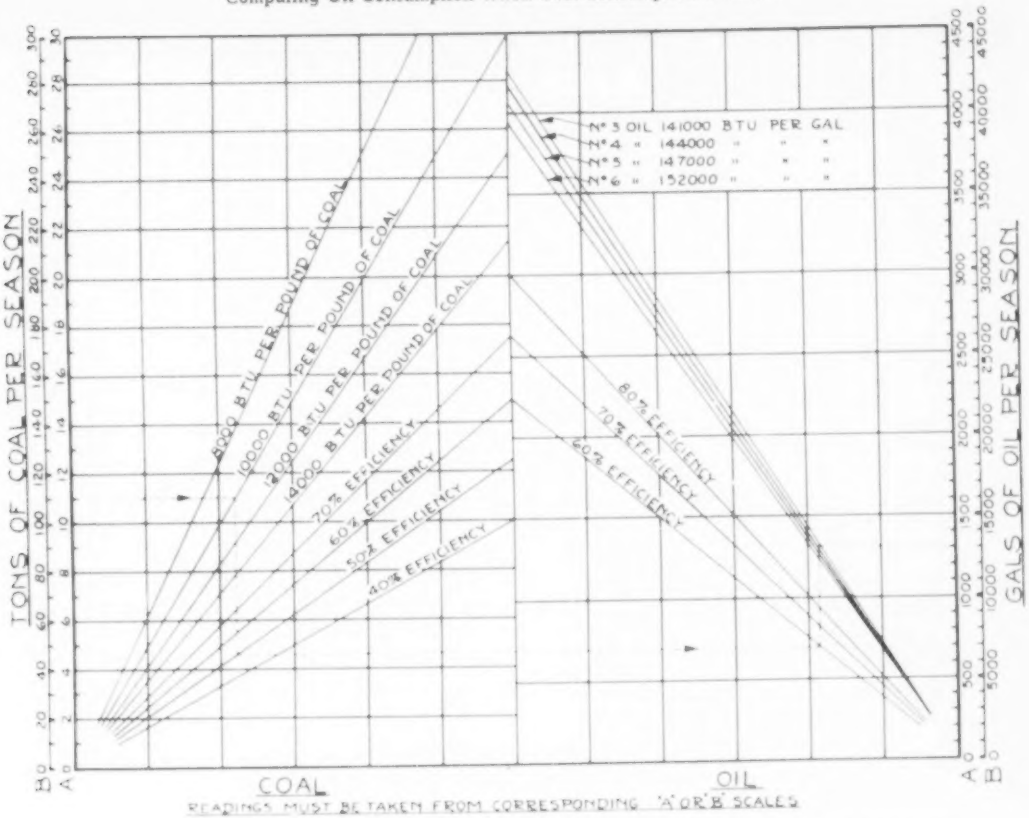
For instance, if requirements are very small—50 horsepower or even less—figure on a fuel consumption of 0.45 pounds per horsepower per hour with a modern engine. If a 100 h.p. diesel is employed, the consumption will be about 0.42 pounds per horsepower per hour. The curve shows that with increase in engine size the fuel consumption improves rapidly from the smallest sizes to 200 horsepower. From 200 to 1,000 horsepower the improvement is less rapid. And from 1,000 to 3,000 horsepower the improvement is very slight; it is practically 0.39 pounds per horsepower per hour for all of the sizes in that range.



To determine the efficiency of any engine size, with any fuel, multiply the B.t.u. value of the fuel per pound by the number of pounds per horsepower per hour and divide the product into 2,546.

For example, if the fuel contains 20,000 B.t.u.'s per pound and requirements call for a 500 h.p. engine, multiply 20,000 by (from the chart) 0.40, which gives 8,000 as the product. Now divide 2,546 by 8,000 and it will be found that the engine will have an efficiency of 31.8 percent, which is a high efficiency as compared with most engines of other types. This means that 31.8 percent of the heat contained in the fuel will be converted into work. Even at 0.45 pounds of fuel per horsepower per hour, other conditions being the same, efficiency will be 28.3 percent.

Computing Oil Consumption When Coal Consumption Is Known



When coal consumption is known, this chart permits ready estimation of comparative gallons of oil required. Locate coal consumption on left-hand A or B scale, read right to the heat content, down to the efficiency curve. From this point trace horizontally right to the assumed oil efficiency, up to the grade of oil assumed, then right to the corresponding A or B scale for oil and read to the comparative oil consumption. As illustrated in the dotted lines above, if a plant burns 110 tons of 10,000 B.t.u. coal at an efficiency of 50 percent, a comparative oil burning installation using No. 4 oil at 60 percent efficiency will require 13,000 gallons of oil for the same period. The chart may be used in reverse when oil consumption is known to estimate comparative tons of coal needed for a like period of time

Dimensions of Standard Wrought Pipe

ADEQUATE water supply in the washroom is dependent upon proper balancing between main lines and washer feeder pipe requirements. A battery of ten washers, six taking 2-inch lines and four taking 1½-inch lines, will require a 6-inch main. From the chart, six 2-inch pipes require 6 × 3.355 square inches + four 1½-inch lines, 4 × 2.036 = total 28.274 square inches required. A 6-inch pipe has a total cross-sectional area of 28.891 square inches which will allow for possible future expansion.

Since all washers will not be filling at the same time, a 20 to 25 percent reduction in capacity is permissible between the main line and total requirements of all feeder lines. In the case cited above, a 5-inch main would provide 30 percent less water than the 6-inch pipe. This might be satisfactory with staggered loads, but it would allow no provision for future expansion and would be inadequate for peak requirements.

NOMINAL SIZE IN INCHES	ACTUAL INSIDE DIAMETER (Inches)	INSIDE CROSS-SECTION AREA (Square Inches)
1/8	.269	.057
1/4	.364	.104
1/2	.493	.191
3/8	.622	.304
3/4	.824	.533
1	1.049	.864
1 1/4	1.380	1.495
1 1/2	1.610	2.036
2	2.067	3.355
2 1/2	2.469	4.788
3	3.068	7.393
3 1/2	3.548	9.886
4	4.026	12.730
4 1/2	4.506	15.947
5	5.047	20.006
6	6.065	28.891
7		38.484
8		50.265
9		63.617
10		79.539

EFFICIENCY TABLE BASED ON EVAPORATION FROM AND AT 212° F.																				
B.T.U. PER LB. COAL	50% EFF		55% EFF		60% EFF		65% EFF		70% EFF		72% EFF		74% EFF		76% EFF		78% EFF		80% EFF	
	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR	EVAPORATION PER POUND OF COAL	POUNDS COAL PER H.P. HOUR
7000	3.61	9.56	3.97	8.70	4.33	7.97	4.69	7.36	5.05	6.83	5.19	6.64	5.34	6.46	5.48	6.30	5.63	6.13	5.77	5.98
7500	3.86	8.92	4.25	8.12	4.64	7.44	5.02	6.86	5.41	6.38	5.57	6.20	5.72	6.03	5.88	5.87	6.03	5.72	6.19	5.59
8000	4.12	8.36	4.53	7.60	4.95	6.97	5.36	6.44	5.77	5.98	5.93	5.81	6.09	5.65	6.26	5.50	6.43	5.37	6.60	5.23
8500	4.37	7.87	4.82	7.16	5.26	6.56	5.69	6.04	6.13	5.63	6.31	5.47	6.48	5.32	6.66	5.18	6.83	5.05	7.01	4.93
9000	4.63	7.43	5.10	6.76	5.57	6.20	6.03	5.72	6.49	5.32	6.68	5.16	6.86	5.03	7.05	4.89	7.24	4.77	7.42	4.66
9500	4.89	7.05	5.38	6.41	5.88	5.87	6.36	5.42	6.85	5.03	7.05	4.89	7.24	4.76	7.44	4.64	7.64	4.52	7.83	4.42
10000	5.15	6.69	5.67	6.09	6.18	5.58	6.69	5.15	7.21	4.78	7.42	4.65	7.62	4.52	7.83	4.40	8.04	4.29	8.24	4.19
10500	5.41	6.37	5.95	5.79	6.49	5.31	7.03	4.91	7.57	4.56	7.59	4.43	8.01	4.31	8.22	4.19	8.44	4.09	8.66	3.98
11000	5.67	6.08	6.23	5.53	6.80	5.07	7.36	4.68	7.93	4.35	8.16	4.23	8.38	4.11	8.62	4.00	8.84	3.90	9.07	3.81
11500	5.93	5.82	6.52	5.29	7.11	4.85	7.70	4.48	8.24	4.16	8.53	4.04	8.77	3.93	9.01	3.83	9.25	3.73	9.48	3.64
12000	6.19	5.57	6.80	5.07	7.42	4.63	8.04	4.29	8.66	3.99	8.91	3.87	9.15	3.77	9.39	3.67	9.65	3.58	9.89	3.49
12500	6.45	5.35	7.08	4.87	7.73	4.46	8.37	4.12	9.02	3.83	9.27	3.72	9.53	3.62	9.79	3.52	10.05	3.43	10.31	3.34
13000	6.71	5.15	7.37	4.68	8.04	4.29	8.71	3.96	9.38	3.68	9.65	3.57	9.92	3.48	10.18	3.39	10.45	3.30	10.72	3.23
13500	6.97	4.95	7.65	4.51	8.34	4.13	9.04	3.81	9.73	3.54	10.02	3.44	10.29	3.35	10.57	3.26	10.85	3.18	11.13	3.15
14000	7.23	4.78	7.94	4.35	8.66	3.98	9.38	3.68	10.10	3.42	10.38	3.34	10.67	3.23	10.97	3.15	11.25	3.07	11.54	2.99
14500	7.45	4.61	8.22	4.20	8.97	3.84	9.72	3.55	10.46	3.20	10.76	3.21	11.06	3.12	11.36	3.04	11.66	2.96	11.95	2.88

Source: Detroit Stoker Co.

Trace left from B.t.u. value of coal to column denoting boiler efficiency. Point of intersection gives number of pounds of water evaporated for each pound of coal fed into furnace and number of pounds burned per horsepower. Plant taking 200 h.p. per hour and burning coal of 14,000 B.t.u.'s per pound at 70 percent efficiency will require (from chart) 3.42 pounds of coal per horsepower per hour or total of 684 pounds per hour

facts for figuring

Group vs. Individual Drive

THE actual horsepower required by a machine is often lower than rated horsepower of the motor which the manufacturer has designated as correct for that machine. A 5 h.p. motor, for example, will frequently be prescribed where 4 h.p. is the usual required load. This is because the next smaller motor under 5 h.p. is 3 h.p., which would be too small for continuous loads of 4 h.p.

Assume that the loads for a hypothetical group of five motors, three of 5 h.p. and two of 3 h.p., are actually 4 h.p., 4½ h.p., 4 h.p., 2½ h.p. and 3 h.p., or a total of 18 h.p. instead of 21 h.p. Assume that the line shaft consumes 2 h.p. at full load and a little less when lightly loaded. Consider also the average load the machines carry. Normally they are not always in operation and are not all fully loaded. In an ordinarily busy drycleaning plant the load factor gets up to 75 percent (much less with excess machinery).

Using this 75 percent of required 18 h.p. load, we get 13½ h.p. Add to this 2 h.p. for friction and you

will have a total of 15½ h.p. as an average. It is quite likely that a 15 h.p. motor will carry the load, provided it is a 40-degree-Centigrade rated motor which can carry 25 percent overload for extended periods. Cost calculations can be based on the efficiency variations of motors, shafting drive losses and investment.

For a period of one month, on the assumption that the purchased electric current is worth 2½ cents per kilowatt hour, comparative costs would be something like this:

	Individual drive	Group drive
Motor cost and wiring (Based on average practice)	$625	$275
Shafting cost	0	170
Total Investment	$625	$445
Efficiency of average load	80%	87%
Average horsepower load	13½	15½
Kilowatt hours consumed in 180 hours	2260 KWH	2400 KWH
Cost of current for 1 month	$56.50	$60.00

Thus, on the basis of the motors assumed necessary, in this instance the individual motor drive is cheaper by $3.50 a month. By investing $180 more the drycleaner saves $42 a year; in a little more than four years he will have paid off the investment.

This comparison, however, is subject to certain variations. It also changes with changing operating conditions. No one rule of procedure can be applied to all plants. Different conditions can influence the economy of using individual or group drive. If weekly hours are longer and greater flexibility of operation the aim, individual drive is superior to group drive. If the plant has more equipment than it needs for its volume, the load factor usually drops below 75 percent and individual drive becomes more profitable. As business increases or equipment is more heavily loaded, the load factor goes above 75 percent; then the group drive becomes even more profitable.

With the data given any drycleaner can analyze his own plant by substituting his investments, kilowatt hours and cost of current and set it up for his own conditions as to load factor. Don't change from group drive without consulting a reliable electrical contractor. If you know the amount of current used it is a simple matter to decide whether or not to change. If you are generating your own current it is easy to estimate current cost by deducting the necessary amount for shafting friction. # #

Belt and Pulley Calculations

To Find the Lengths of Belts: Add the diameter of the two pulleys together, multiply by 3⅛ and divide the product by two. Add twice the distance between the centers of the shafts to the quotient and that will be the length required.

To Calculate the Power of Belts: The horsepower of any belt equals its velocity in feet per minute multiplied by its width and divided by 1,000 for single and 700 for double belts. A 1-inch single belt, velocity 1,000 ft. per minute, equals 1 horsepower. A 1-inch double belt, velocity 700 ft. per minute, equals 1 horsepower.

To Find Diameter of Driving Pulley: Multiply diameter of driven pulley by the number of revolutions per minute and divide by the number of revolutions of driver. Quotient will be diameter of the driver.

To Find the Speed of Driving Pulley: Multiply diameter of the driven pulley by its revolutions per minute and divide by diameter of driver. Quotient will be number of revolutions of driver.

To Find Diameter of the Driven Pulley: Multiply diameter of driver by its number of revolutions per minute and divide by number of revolutions of the driven

Flexible Metal Hose — Lengths and Minimum Bending Distances

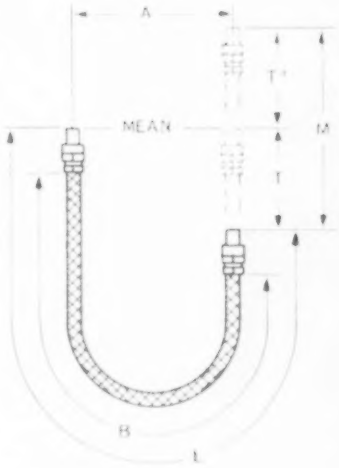
Length of hose includes three factors: Bending Distance A, Travel of Hose M (T + T') and Coupling Factor C. With installation at minimum bending distance A and no travel, take length L from table. For hose subject to travel and installed at distance A, take L from table and add one-half travel when T and T' are equal; when they are not, add the larger. To calculate hose length independently, use following formulae:

Hose I. D. ¼ to 2: Length L = 2½ A + C + T (use T or T' whichever is greater)

Hose I. D. 2½ to 6: Length L = 1¾ A + C (no travel)

HOSE I.D.	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
A	8"	10"	12"	16"	18"	20"	24"	26"
B	2"	24"	30"	36"	44"	50"	56"	62"
C	4-1/2"	5"	5-1/2"	6"	7"	7-1/2"	8"	9"
L	25"	29"	35"	44"	51"	58"	64"	70"

HOSE I.D.	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
A	28"	30"	64"	72"	78"	84"	108"	120"
B	68"	72"	9' 6"	10' 4"	11'4"	12' 6"	18 FT.	18 FT.
C	9"	9"	9"	11"	–	–	–	–
L	77"	81"	10 FT.	11' 6"	–	–	–	–



Source: Tuthill Metal Products Corp.

pulley. Quotient will be the diameter of driven pulley.

To Find Speed of Driven Pulley: Multiply diameter of driver by its number of revolutions per minute and divide by diameter of driven pulley. Quotient will be number of revolutions of driven pulley. # #

Computing Tank and Jar Capacities

Square or rectangular:

1. To compute cubic contents multiply length by width by depth. For example, the cubic contents of a tank 10 feet long, 6 feet wide and 4 feet deep is 240 cubic feet.
2. Since 1 cubic foot equals $7\frac{1}{2}$ gallons, the tank above would hold 1,800 gallons ($7\frac{1}{2}$x240 = 1,800 gallons).

Cylindrical or round:

1. Square the diameter and multiply by .7854 and then multiply by the length or depth to obtain cubic contents. Capacity of a cylindrical tank 4 feet in diameter and 6 feet in length is 75.3984 cubic feet (4 x 4 x .7854 x 6 = 75.3984 cubic feet).
2. With $7\frac{1}{2}$ gallons per cubic foot the tank would hold 565.49 gallons.

Note: When dimensions include both feet and inches or inches alone reduce all to feet or to inches before multiplying. If measurements are all in inches, the answer will be cubic inches. To reduce to cubic feet divide by 1728 (1728 cubic inches = 1 cubic foot). # #

Expansion of Pipe

(Increase in Length Inches per 100 Ft.)

Temp. F.	Steel	Wrought Iron	Brass or Copper	Temp. F.	Steel	Wrought Iron	Brass or Copper
20	.15	.15	.25	220	1.80	1.85	2.65
40	.30	.30	.45	240	2.00	2.05	2.90
60	.45	.45	.65	260	2.15	2.20	3.15
80	.60	.60	.90	280	2.35	2.40	3.45
100	.75	.80	1.15	300	2.50	2.60	3.75
120	.90	.95	1.40	320	2.70	2.80	4.05
140	1.10	1.15	1.65	340	2.90	3.05	4.35
160	1.25	1.30	1.90	360	3.05	3.25	4.65
180	1.45	1.50	2.15	380	3.25	3.45	4.95
200	1.45	1.65	2.40	400	3.45	3.65	5.25

ALLOWANCE for expansion in any given run of pipe is dependent upon the variations in temperature to which the pipe will be subjected. The table gives expansion in inches per 100 feet of different type pipes at various degrees of temperature. To compute the amount of expansion to be provided in specific lengths of pipe, read from the table the figure showing maximum expansion for 100 feet at the temperature expected. Divide this figure by 100 to determine the expansion per foot and multiply by the length of pipe under consideration. For example, 80 feet of steel pipe taking water at 180 degrees Fahrenheit will require an allowance of 1.16 inches for expansion (1.45, from the chart, ÷ 100 × 80 = 1.16 inches). # #

Trap Capacities

(Table of Factors for Determining at Reduced Pressure)

MINIMUM OPERATING PRESSURE	MAXIMUM OPERATING PRESSURE																	
	5#	10#	15#	20#	30#	40#	50#	60#	70#	80#	90#	100#	125#	150#	200#	225#	250#	300#
1/10 lb.	.14	.10	.09	.08	.07	.06	.05	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.03
1/4 lb.	.22	.16	.14	.12	.10	.09	.08	.07	.07	.07	.06	.06	.06	.05	.05	.04	.04	.04
1/2 lb.	.32	.22	.19	.17	.14	.12	.11	.10	.09	.09	.08	.08	.07	.07	.06	.06	.05	.05
1 lb.	.45	.32	.26	.23	.19	.17	.15	.14	.13	.12	.11	.11	.10	.10	.09	.08	.08	.08
2 lbs.	.63	.45	.36	.33	.27	.23	.20	.19	.18	.17	.16	.16	.15	.13	.12	.11	.11	.11
3 lbs.	.78	.55	.45	.40	.33	.29	.27	.24	.23	.21	.20	.19	.18	.16	.15	.14	.13	.13
4 lbs.	.89	.64	.52	.46	.38	.33	.30	.27	.26	.24	.23	.23	.20	.19	.17	.16	.15	.15
5 lbs.	1.00	.71	.58	.52	.43	.37	.34	.31	.29	.27	.26	.25	.23	.21	.19	.18	.18	.16
10 lbs.		1.00	.82	.72	.61	.52	.48	.44	.41	.39	.37	.36	.32	.30	.27	.26	.25	.23
15 lbs.			1.00	.85	.73	.62	.59	.56	.51	.48	.45	.43	.39	.36	.32	.30	.29	.27
20 lbs.				1.00	.83	.73	.66	.61	.58	.55	.51	.49	.44	.42	.36	.34	.33	.31
25 lbs.					.91	.80	.78	.69	.65	.61	.55	.53	.47	.46	.40	.38	.37	.34
30 lbs.					1.00	.88	.79	.75	.70	.66	.60	.59	.54	.50	.45	.42	.41	.38
40 lbs.						1.00	.90	.84	.80	.76	.69	.67	.61	.57	.50	.48	.46	.43
50 lbs.							1.00	.93	.89	.84	.78	.75	.68	.63	.56	.53	.51	.48
60 lbs.								1.00	.93	.88	.83	.80	.73	.68	.60	.57	.55	.52
70 lbs.									1.00	.94	.89	.85	.78	.73	.64	.61	.59	.55
80 lbs.										1.00	.95	.91	.82	.75	.68	.66	.63	.59
90 lbs.											1.00	.95	.87	.81	.71	.68	.66	.61
100 lbs.												1.00	.91	.85	.75	.73	.70	.64
125 lbs.													1.00	.93	.83	.80	.75	.71
150 lbs.														1.00	.89	.86	.80	.75
175 lbs.															.94	.92	.87	.81
200 lbs.															1.00	.96	.90	.85
225 lbs.																1.00	.97	.90
250 lbs.																	1.00	.93

ALTHOUGH a steam trap will operate at pressures below those for which it is designed, the capacity decreases with the fall in pressure. The accompanying table gives correction factors for determining trap capacities at reduced pressures.

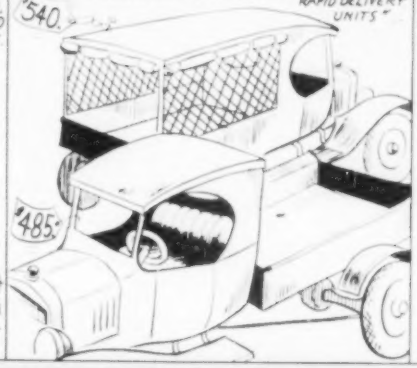
Locate the normal operating pressure in the top line; follow down this column to the reduced pressure desired. The point of intersection shows the correction factor. Multiply the normal trap capacity by the correction factor, and the product is the trap capacity under the reduced pressure.

For example, if a trap designed for 225 pounds pressure delivers 1800 pounds of condensate per hour at maximum operating pressure, at 70 pounds pressure the capacity will be 1800 × .61 (correction factor in this case) = 1098 pounds of condensate per hour at the reduced pressure. Excess condensate in heated equipment lowers the temperature. # #

25 YEARS AGO... FEB. 1925

BRIDE & GROOM OF NATIONAL CONVENTION AT LOS ANGELES, ARE MR. & MRS. JACK GADD, RIVERSIDE MFG. CO. OF ST. LOUIS ... MR. GADD REELECTED AS PRES. ALLIED TRADES N.A.D.C.

POPULAR TRUCK MAKER OFFERS "ONE TON RAPID DELIVERY UNITS"



WIDE USE PREDICTED FOR NEW SLEEVE-FORMER. INTRODUCED TO SHAPE NEW CURVED SLEEVES. ALSO STRETCHES LINING BACK INTO POSITION TO PRESS

10 YEARS AGO.... FEB. 1940

NO ESTABLISHED RULES AMONG CLEANERS FOR RETURN OF MONEY FOUND IN POCKETS OF GARMENTS... ONE PLANT FINANCES EMPLOYEE'S PARTIES AND PICNICS...

1000 PAID REGISTRATIONS & 2000 VISITORS ATTEND 33RD NATIONAL CLEANERS CONVENTION AT BALTIMORE... LEARN CUSTOMER TURNOVER AVERAGES 36%

STATISTICS SHOW MORE THAN 84% OF ALL U.S. FAMILIES OWN A RADIO... 9,000,000 SETS SOLD IN 1939... IT ALL ADDS UP TO 45,000,000 NOW IN USE... HALF OF WORLD TOTAL

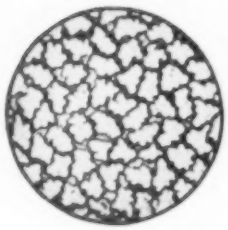
"THE URGE TO KILL!"

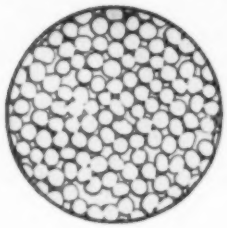
....YOU BEAT YOUR BRAINS OUT REARRANGING THE PLANT, IN ORDER TO PROVIDE THE TOWN WITH A "ONE DAY CLEANING SERVICE"... HALF THE HELP QUITS ON ACCOUNT OF THE CHANGE IN ROUTINE... BUT IN SPITE OF EVERYTHING YOU WHIP ALL YOUR PROBLEMS, AND THE TOWNSPEOPLE LOVE YOU TO PIECES... YOU'RE ALL SET TO HANDLE A HUNDRED A DAY, SO YOU'RE PROUD AS PUNCH..... THEN ONE NIGHT AT THE CLUB YOU HEAR YOUR ONE PRESS COMPETITION HERCOMBER J. LOUDMOUTH LOUDLY PROCLAIMING "HAH! ONE DAY SERVICE? I'VE BEEN DOING THAT FOR YEARS!" (BUT HE NEVER MENTIONS THAT MORE THAN ONE "SPECIAL" A DAY WOULD FOUL UP HIS WHOLE PLANT)

TODAY! "THE LITTLE SHOP AROUND THE CORNER"

TABLE OF

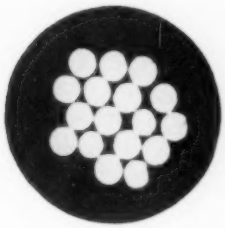
The 1949 Revision of the Synthetic-Fiber Table is reproduced by permission from *Textile World*. From the more inclusive original table we have selected seven fibers that are or soon will be commonly encountered in the drycleaning plant, and those characteristics which will be of most direct interest to drycleaners.—EDITOR.

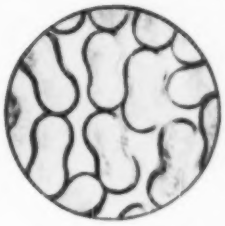




	RAYON		
	VISCOSE	ACETATE (Estron)	CUPRA (Cuprammonium)
Water Absorbency	27% at 95%; total retention 100 to 125%.	Regular, 14% at 95% r.h.; Saponified, 20% at 95% r.h.; High Elongation, 14% at 95% r.h.	27% at 95% r.h.; total retention 100 to 125%.
Effect of Heat	Loses strength above 300° F. Decomposes at 350 to 400° F.; does not melt; burns relatively rapidly.	Regular and high elongation are thermoplastic, lose strength above 200 to 220° F.; soften at 400 to 445° F.; fuse at 500° F.; sticking point 350 to 375° F.; burn relatively slowly. Saponified is more nearly like viscose rayon.	Decomposes at above 300° F.; burns relatively rapidly.
Effect of Age	Slight.	Slight on tensile; none on color.	Slight.
Effect of Sunlight	Loses tensile strength after prolonged exposure; very little discoloration.	Slight on tensile; none on color.	Loses strength on prolonged exposure.
Effect of Acids	Similar to cotton; hot dilute or cold concentrated disintegrate fiber.	Concentrated solutions of strong acids decompose.	Similar to viscose; hot dilute or cold concentrated disintegrate fiber.
Effect of Alkalis	Strong solutions cause swelling and reduce strength.	Strong alkalis saponify into regenerated cellulose.	Dilute have little effect; strong solutions cause swelling, loss of strength, and ultimate disintegration.
Effect of Other Chemicals	Attacked by strong oxidizing agents; not damaged by hypochlorite or peroxide bleaching solutions.	Attacked by strong oxidizing agents; not damaged by hypochlorite or peroxide bleaching solutions; soluble in phenol.	Not attacked by oxidizing agents; not damaged by hypochlorite or peroxide bleaching solution.
Effect of Organic Solvents	Generally insoluble; soluble in cuprammonium and some other compounds.	Soluble in acetone, concentrated and glacial acetic acid, some other solvents.	Insoluble; soluble in cuprammonium solutions and some other compounds.
Dyes Used	Same classes as cotton for regular viscose; medium and high tenacity are more difficult to dye.	Regular acetate dyed by vat, azoic, and special acetate-rayon dyes; has affinity also for some acid and mordant; all basic dyes; pigment and solvent dyes.	Similar to viscose rayon and cotton.
Resistance to Moths	Wholly.	Wholly.	Wholly.
Resistance to Mildew	Attacked.	Highly (discoloration only).	Attacked.
Indentification	Does not melt; burns readily with but little ash; insoluble in acetone; does not dissolve (but swells) in ammoniacal copper solution.	Melts before burning, forms hard black ball on tip; soluble in acetone; insoluble in methyl chloride.	Does not melt; burns with but little ash; insoluble in acetone; dissolves in ammoniacal copper solution.
Typical Uses	Yarn used for crepe, voile, and low twists for many woven and knitted fabrics; hosiery; tire cord. Staple used alone and in blends for dress goods and sports wear; in blends for rugs, blankets, upholstery, house furnishings.	Dress goods, linings, hosiery, underwear, fused fabrics. Staple (often blended) for men's and women's wear, blankets, upholstery, carpets and for fusing. Saponified for coating, laces, threads, reinforcing, industrial belting and hose.	Knitted and woven material for wearing apparel such as dress fabrics, gloves and hosiery; upholstery and decorative fabrics.

SYNTHETIC FIBERS





NYLON	AZLON (Zein type)	VINYON N (Stretched and Stabilized Type R) (Trademark Carbide & Carbon Chemical Corp.)	ORLON (Trademark E. I. du Pont de Nemours & Co., Inc.)
6.1% at 95% r.h.	64% (cross section increases 20%)	Close to 1% at up to 95% r.h.	2% at 95% r.h. (78° F.)
Melts at 482° F.; yellows slightly at 300° F. when held 5 hrs.; damaged at 446° F.	Up to 350° F., no effect; loss in strength above; melts at 470 to 475° F.	Will not support combustion. Stabilized shrinks above 275° F.; stretched, above 157° F. Stretched fuses at 338° F.	Sticking point 455° F. (copper-block method). Retains 100% strength after 32 days in air at 257° F.
Virtually none.	None.	Virtually none.	Virtually none.
Prolonged exposure decreases tensile strength.	Very slow deterioration and loss of strength.	Darkens somewhat after prolonged exposure with some loss in tensile strength.	Very resistant to degradation by ultraviolet light and atmosphere.
Boiling in 5% hydrochloric acid ultimately causes disintegration; dissolves with at least partial decomposition by cold concentrated solutions of hydrochloric, sulphuric and nitric acids.	Resistant (mineral acids up to 10%).	Little or no effect.	Good to excellent resistance to mineral acids.
Substantially inert.	Insoluble in caustics up to 10% solution.	No effect.	Fair to good resistance to weak alkalis.
Generally good resistance.	Can be bleached with peroxide, sodium chlorite, bisulphite.	Weakened by ferric chloride in high concentration.	Not harmed by oils, greases, neutral salts and some acid salts.
Generally insoluble; soluble in phenolic compounds and in concentrated formic acid.	Insoluble in all tested.	Both types weakened by 5% phenol; softened by acetone and certain other ketones.	Not harmed by common solvents.
All acid, acetate, pigment, chrome; some direct, vat azoic, basic; few sulphur; mordant with special application.	Can be dyed with all usual types including alkaline vat; shrinkage in acid dyeing less than 5%.	Acetone; some vat, acid, and other classes for all types. (Stretched dyed at lower temperatures.)	Some acetate and basic colors for pastel shades.
Wholly.	Highly resistant.	Wholly.	Wholly.
Wholly. (Material on nylon may be attacked.)	Resistant.	Wholly.	Wholly.
Melts before burning; insoluble in acetone; soluble in xylenol; soluble in concentrated hydrochloric acid.	Burns with bead; insoluble in acetone and hydrochloric acid.	None will support combustion, but shrink, harden and become brittle.	Melts and burns, leaving hard black bead. Not affected by glacial acetic acid, chloroform, acetone, 88% formic acid.
Hosiery, satins, taffetas, marquisettes, ribbons, tapes, webbing, tricot underwear and gloves, laces, nets, threads, ropes, fish lines, tire cords, filter cloths, sail cloth.	Woven outerwear, knit goods, upholstery, pile fabrics, hose, shirtings. Principally used in blends.	Continuous filament: filter fabrics, dust fume bags, work clothing, dress goods, resist yarns, sailcloth, draperies, thread, pile fabrics, molded fabrics, auto window channels, military uses. Staple: socks, sweaters, rugs, blankets, suiting blends.	Industrial uses involving high temperature and/or acid condition; outdoor equipment such as tents, awnings, sailcloth; apparel, including underwear, dresses, rainwear; laminates; electrical insulation.

BURNING TESTS FOR FIBERS

Synthetic Fibers

Aralac: Sizzles
Ash—black bead, readily pulverized
Odor—burning hair

Fiberglas: Does not burn, melts rapidly in flame
Ash—hard bead glows in flame

Nylon: Does not burn, melts in flame
Ash—light amber color bead, hard to break
Odor—sealing wax

Orlon: Melts and burns
Ash—hard black bead

Rayon, acetate: Melts before burning
Ash—hard black ball
Odor—pungent, burning rubber

Rayon, viscose (regenerated cellulose): Burns very rapidly, bright yellow flame
Ash—very little, gray, floats off
Odor—burning wood or paper

Vinyon: Melts before burning
Odor—sharp, disagreeable
Ash—brittle bead

Vinyon N: Does not burn but shrinks, hardens and becomes brittle

Natural Fibers

Cotton: Burns quickly, yellow flame, smolders
Ash—gray, fluffy, floats off
Odor—burning wood or paper

Linen: Burns rapidly but less rapidly than cotton, smolders longer
Ash—gray, very light and fluffy
Odor—burning wood or paper

Silk: Small flame, sizzles, burns more rapidly than wool, does not smolder
Ash—shiny black beads, readily pulverized
Odor—burning feathers

Silk, weighted: Burns slowly in flame, not after flame is removed
Ash—skeleton of weighting glows
Odor—burning feathers

Wool: Burns slowly, sputters
Ash—black, gritty, pulverizes easily
Odor—burning hair

FINISHING HINTS

Maximum Temperatures for Various Fabrics

FABRIC	TEMPERATURE
Rayon	280 to 300 deg. F.
Nylon	280 to 300 deg. F.
Silk	320 to 340 deg. F.
Wool	350 to 370 deg. F.
Cotton	400 to 420 deg. F.
Linen	450 to 500 deg. F.

Steam-Line Size

NUMBER OF PRESSES	SIZE STEAM LINE
1-2	$\frac{1}{2}$ inch
3-4	$\frac{3}{4}$ inch
5-6	1 inch
6-10	$1\frac{1}{4}$ inches
10-14	$1\frac{1}{2}$ inches
14-25	2 inches

INDEX OF N. I. C. D. TECHNICAL BULLETINS

Belts, 180
Bleaching:
Wool damage, 75, 76
Permanganate vs. perborate, 78
Hydrogen peroxide, 150
Buttons, 57, 101, 155, 156, 174, 175, 189, 195
Color Changes:
Caused by alkalis, 190
Discharge prints on silk, 202
On wools, 192
Paradichlorobenzene, 210
Delustering:
Acetate rayon, 210
Satins, 211
Distillation:
Perchlorethylene, 199
Pre-heating, 48
Problems, 134
Stoddard solvent, 91
Vacuum, 46
Drycleaning:
Color change, 57
Corrosion, 71
Drying time, 161
Faulty practices, 131, 141
Graying, 43, 72, 96, 157
Humidity, 115, 116
Shrinkage, 116, 142, 194
Solvents (under "S")
Suits in solvents, 214
Summer suits, 6, 21, 22, 23
Dyeing:
Accepting dye work, 55
Boucle, 15
Helpful hints, 67
Stripping dyes, 99
Sunfaded wool, 73
Synthetic fabrics, 10
Equipment:
Maintenance, 135
Padding presses, 14, 137
Lightweight irons, 41
Fabrics:
Aluminum metallic, 174
Angora, 71
Aralac, 130, 154
Beachwear, 112
Blackout material, 132
Camel's hair, imitations, 107, 139
Casein, 11
Chalked fabrics, 25
Congo cloth, 21, 23, 61
Confetti slot, 22
Crepes, 4
Curtains, 79, 95
Deodorants, effect on fabrics, 40
Drapes, unserviceable, 68
Electrically heated blankets, 164
Eyelet discoloration, 160
Fabric damage, 129, 175
Faille, 206
Felt, 183, 205
Fibers, identification, 145
Fiberglas, 175
Flock prints, 162
Fortisan, 154
Gabardines, 52, 198, 218, 219
Glass, 64, 162
Imitations, 31, 107, 130
Kool-A-Kool, 40
Lame, 4
Lanital, 64
Linen, 6
Linenlike fabrics, 38
Marquisette, 41, 53
Metal cloth, 208
Moire, 37, 187, 216
Mousseline de soie, 4, 41, 54
Nets, 41, 53
Nylon, 100, 102, 132, 154, 175, 179, 221
Orlon, 213
Painted designs, 195
Painted-dot fabrics, 22, 128
Palm Beach, 6
Photo prints, 192
Pigment prints, 181
Pique, 199, 201, 217
Plastic-coated fabrics, 158, 159
Plexon, 165

Rayon, cellulose acetate
Celanese, 22, 112
Fading, 93, 104
Linings, 57, 112
Moire, 57, 187
Sheers, 122
Wool, 36, 58
Yellowing, 15
Rayon, regenerated
Moire, 187
Pile, 104
Sheers, 122
Spun, 21, 25, 61
Taffeta, unserviceable, 160
Reflooms-treated wool, 171
Resins, 154
Ribbon knit, 216
Saran, 154, 166
Satin
Lacquered, 27
Lustered, 61
Papernized, 77
Seersucker, 6
Sharkskin, 22
Silk
Linen, 154, 172
Weighted, 188
Wild, 40
Soylon, 154
Spunglass, 64, 154
Spunit, 21
Surah, 159, 174
Swaggerdown, 58
Taffeta, 22, 66, 191, 205, 210
Tropical worsted, 6, 25
Unserviceable fabrics, 51, 68, 180
Velon, 154, 166
Velvets, 74, 86, 87, 222, 223
Vinyon, 108, 154
Waterproofed materials, 132
Wartime textiles, 132
Wool, redoomed-treated, 171
Filtration:
Laboratory tests, 32, 50
Problems, 133
Finishing:
Army uniforms, 121
Ballerina skirts, 201
Bias cuts, 68
Bodice and skirt job breakdown, 170
Buttons
Stains from, 57
Unserviceable, 101, 155, 159
Card fabrics, 202
Cuffless trousers, 123
Discolorations during pressing, 65
Express rails, 114
Flimsy fabrics, 41
Fuzz removal, 25, 159, 172
Leather, 177
Nylon, 102
Pleats and puffs, 12
Sack-coat breakdown, 185
Shine and seam impressions, 186
Silk production, 95, 118
Sleeve job breakdown, 167
Steam marks, 219
Suggestions, 113
Summer suits, 6, 21, 22, 23, 25
Flameproofing, 168, 224
Furniture
Cleaning, 7, 105
Furs:
Cleaning, 20, 56, 88, 148
Deterioration, causes of, 169
Discoloration, 196
Fur-lined cloth coats, 212
Glued linings, 74
Imitations, 51
Precautions, 5, 116
Research, 110, 111
Special problems, 90
Treatment after cleaning, 89
Wine-furs, 1
Garments:
Army uniforms, 121
Bias-cut garments, 68
Felt, 185
Football uniforms, 101, 151
Fur-lined cloth coats, 212
Insulated sport jackets, 182
Knits, 139
Plastic-coated housecoats, 196
Raincoats, 151, 207
Reversibles, 87, 141, 151, 177
Sweaters, 139
Unserviceables, 120
Gloves:
Summer, 7
Hats:
Blocking, 81, 82
Cleaning, felt, 80
Sizing, felt, 80
Straw hats, 7, 149
Sweatbands, 123
Household:
Curtains, 41, 79
Drapery, 197
Electric blankets, 164
Folding chair covers, 15
Processing, 183
Seat covers, 197
Steam and air finishing, 164
Knitted Trimmings, 209
Leathers:
Cleaning, 13, 73, 74, 92
Facts about, 83
Handling, 203, 204
Puff irons, 177
Spraying, 163
Suede, 102
Trimmings, 34
Wetcleaning, 85
White glazed, 15
Mothproofing, 19, 193, 208
Odor:
Rancid solvent, 29
Synthetic, 69
Packaging:
Folding chair covers, 15
Suggestions, 33
Presses:
Cleaning head, 41
Padding, 14
Rugs:
Axminster, 100
Frieze, 34, 98
Kleatflax, 212
Shampooing fugitives, 34
Wartime, 130
Sequins, 47, 105, 152, 205
Shoulder Pads:
Cause of fire, 212
Vinyon, 213
Shrinkage:
Effect of humidity, 116
Wool, in dryfoaming, 194
Sizing:
Types and uses, 39
Soaps:
Comparisons, 9, 26, 28
Tests, 30
Solvents:
Petroleum
Corrosion, 43
Distillation, 94
Drying time, 161
Effect on lice, 130
Evaporation rate, 90
Fatty acids, 29, 70
Laboratory tests, 92
Loss in extraction, 153
Practical tests, 59
Rancidity, 29
Use in synthetic equipment, 124
Used solvent, 24
Synthetic
Conservation of, 117
Corrosion, 43
Effect on lice, 130
Fatty acids, 29, 70
Operational tests, 2, 11
Perchloroethylene distillation, 109
Practical tests, 59
Rancidity, 29
Suggestions, 69
Souring:
Damage to acetate rayon, 218
Spotting:
Airplane glue, 52
Artificial flowers, 52
Bleaching damage, 75, 76
Bubble-Lite stains, 207
Butesin picrate, 201
Chamois reclaiming, 10
Cement stains, 41
Cold wave solutions, 155
Corrosion, 43, 65, 72
Digesters, 144
Evening-gown hems, 177
Heater for digestion, 214
Hemlines, 190
Hydrogen peroxide, 150
Ink stains, 42, 176, 178, 192, 196
Jewelry stains, 102
Leg makeup, 155
Lipstick, 146, 200
Mustard, 202
Nail polish, 65
Neckties, 52
Paints, water emulsion, 200
Permanganate vs. perborate, 78
Picric acid, 201
Prespotting, 188
Silver nitrate, 52
Ski wax, 107
Soaking stains, 72
Suggestions, 52
Summer suits, 6, 21, 22, 24
Tannin, 65
Yellow streaks, 15
Storage:
Cold storage, 16, 17
Dry storage, 17
Maintenance, 18
Research, 110, 111
Storage, 137, 138
Vault construction, 138
Unserviceables:
Adhesives, 112
Black innerlinings, 180
Blue organdy, 221
Buttons, 57, 101, 155, 159, 173, 175, 189, 195
Casein fabrics, 31
Colored poddings, 41
Discharge prints, 202
Dyestuff, 112
Eyelaxy flowers, 31
Organdy, 220
Painted dots, 128
Pink dye, 201
Plastic-coated innerlinings, 180
Printed metallic stripes, 214
Prints, 165
Raincoats, 207
Rayon taffeta, 160, 191, 205
Sponge rubber shoulder pads, 190
Waffle pique, 191, 201
What it is, 120
Wool-cotton or wool-rayon yarns, 51
Vinyon, 108
Zippers, 171
Water Repellents:
Application wet and dry, 71
Plasticizers, 144
Raincoats, 151
Repellents, 127, 132
Tests, 125
Wetcleaning:
Dresses, 8
Necessity of, 95
Practical suggestions, 10
Problems, 144
Summer suits, 6, 21, 22, 24
Unserviceables, 120
Water, 147
Zippers:
Lubrication, 175
Nylon, 175
Unserviceable, 171

COURSES IN DRYCLEANING AND RELATED SUBJECTS ★ ★ ★ ★ ★ ★

NOTE: Time limits on GI educational benefits:

Veterans discharged before July 25, 1947, must start education or training under GI bill before July 25, 1951.

Veterans discharged after July 25, 1947, must begin courses within 4 years after discharge.

In both cases, courses must be completed by July 25, 1956. *Exceptions:* Veterans who enlisted or reenlisted under Armed Forces Reenlistment Act (Public Law 190) between October 6, 1947, and October 5, 1948, must begin courses 4 years from end of enlistment or reenlistment period, complete 9 years from that date.

Disabled veterans may begin education or training (Public Law 16) at any time after discharge but must complete courses by July 25, 1956.

Association Schools

National Institute of Cleaning and Dyeing
Silver Spring, Maryland

GENERAL COURSE

Subjects: Drycleaning, spotting, wetcleaning, finishing. Theory, laboratory, plant practice.
Duration: 12 weeks.
Fees: Tuition $300, textbooks and supplies $19, laboratory fee $1.
Eligibility: Bona fide connection with member plant (waived for veterans); 1 year plant experience; 18 years age minimum; white.
GI approved.

PLANT MANAGEMENT

Subjects: Supervisory methods, wage incentives, work standards, layout, production control, customer relations, salesmanship, advertising, accounting, budgeting, effective writing and speaking, etc.
Duration: 4 weeks.
Fees: Tuition $225, textbooks and supplies $30.
Eligibility: Bona fide connection with member plant (waived for veterans).
GI approved.

RUG CLEANING COURSE

Subjects: Practical rug cleaning, carpet construction, identification, spotting and stain removal, applied science and engineering.
Duration: 4 weeks.
Fees: Tuition $150, textbooks and supplies $7, laboratory fee $1.
Eligibility: Bona fide connection with member plant, NICD or NHR.

SILK FINISHING

Subjects: Finishing, fabrics, department layout, productive hours and expectations.
Duration: 2 weeks.
Fees: Tuition $70, textbooks and supplies $6.
Eligibility: Bona fide connection with member plant.

School for Spotting
112 Lafayette Street, New York 3, N. Y.

Sponsored by: Neighborhood Cleaners Association.
Subjects: Spotting, wetcleaning, drycleaning. Theory and practice. (**Note:** Courses are planned in management, drycleaning for beginners, pressing.)
Duration: 10 weeks, two 3½-hour sessions a week.
Fees: $100 plus books.
Eligibility: Member or employee of member of NCA. (Exceptions are made when vacancies are available.)
GI approval pending.

Public Schools, Association-Sponsored

Arts and Crafts School
Montreal, Quebec, Canada

Conducted by: Department of Technical Education, Province of Quebec.
Sponsored by: Launderers' and Dry Cleaners' Association of the Province of Quebec, Inc.
Subject: Spotting.
Duration: 12 weeks, one class per week.
Fee: $10.

Baltimore Vocational School for Drycleaning and Finishing
2614 Pennsylvania Avenue, Baltimore 17, Maryland

Conducted by: Department of Education, Division of Vocational Education, Baltimore, Maryland.
Sponsored by: Retail Cleaning Plant Owners, Inc. (Baltimore).
Subjects: Cleaning, wetcleaning and bleaching, spotting, finishing, storage, business practice and store management.
Duration: 1440 hours (52 weeks).
Dates: Students may enter at any time.
Fees: Nonveterans: $43 month full-time, $22.50 month half-time, plus books.
GI approved.

Thomas A. Edison Occupational School
7101 Hough Avenue, Cleveland 3, Ohio

Conducted by: Cleveland Board of Education.
Sponsored by: Dry Cleaners Guild of Cleveland.
Subjects: (A) General beginner's course in drycleaning. (B) Advanced course in spotting and wetcleaning. (C) Silk and wool finishing course.
Duration: (A) 1 year day school, 16 weeks night school. (B) 15 weeks, 2 nights per week. (C) 10 weeks.
Dates: (A) Day and night. Day starts September and January. (B and C) Night.
Fees: Night school: (A) $36, $5 supplies. (B) $50, $10 supplies. (C) $20, $5 supplies.
Eligibility: Cleveland residents. Day: high school students only.
GI approved.

School of Drycleaning Techniques
Central Technical School
275 Lippincott Street, Toronto, Ontario, Canada

Conducted by: Board of Education, City of Toronto.
Sponsored by: Dry Cleaners Institute (Ontario).
Subjects: Spotting, wetcleaning, heavy (wool) finishing, silk finishing. Theory and practice.
Duration: One night a week for 10 weeks on each subject. Can take all 4 subjects by attending 2 nights a week for 20 weeks of course, or variations as desired.
Dates: End October to end March.
Fees: $5 registration. Toronto residents, $15 nonresidents.

Trade Schools and Colleges

Essex County Vocational School
1000 Broad Street, Newark 2, New Jersey

Conducted by: Essex County Board of Education.
Subjects: (A) Related Drycleaning—general beginner's course. (B) Drycleaning and Spotting Program—advanced spotting course.
Duration: (A) 144 hours per year for 2 years. (B) Forty 2-hour sessions.
Dates: (A) End September to beginning April. (B) From October 1 to March 15.

Fees: No fee for those who work or live in Essex County. For others, (A) $18 per term; (B) $12 term, $24 year.
Eligibility: (A) Bona fide apprentices in drycleaning establishments. (B) Employees in drycleaning industry.
GI approved.

Hampton Institute, Division of Trades and Industries
Hampton, Virginia

Subjects: Complete course in tailoring and drycleaning. Includes some academic subjects.
Duration: Three school years and one summer.
Dates: Early September to end May, summer session middle June to middle August.
Fees: Estimated expense for one college year $700, including registration, tuition, activities, laboratory, room, laundry, meals, etc. Possibility of home, part-time employment.
Eligibility: High-school graduates; negro.
GI approved.

Los Angeles Trade-Technical Junior College,
Frank Wiggins Trade School
1646 South Olive Street, Los Angeles 15, California

Conducted by: Los Angeles Board of Education.
Subjects: Complete general drycleaning course.
Duration: 10 months.
Dates: About September 1 to June 30.
Fee: Registration $2, plus small fee for materials.
Eligibility: Residents of Los Angeles area.
GI approved.

North Georgia Trade and Vocational School
Clarkesville, Georgia

Subjects: Complete general drycleaning course.
Duration: 12 months.
Dates: Enrollment at any time during year.
Fees: Tuition $34.40, board and room, $27.50, laundry and linen service, $6.00 (all monthly).
Eligibility: Minimum age 16, white. Both men and women, but no dormitory facilities for women. Out-of-state students eligible but preference to Georgia residents.
GI approved.

Oakland Public Schools, Lincy Trade and Technical Institute
240 East 10th Street, Oakland, California

Conducted by: Board of Education, Oakland.
Subjects: Spotting, pressing, ladies' tailoring.
Duration: Full school year of two semesters.
Dates: Regular school term.
Fees: $2 registration per semester, except high-school and continuation students.
Eligibility: Residents of Oakland or neighboring community.
GI approved.

Oklahoma Agricultural and Mechanical College, School of Technical Training, Okmulgee, Oklahoma

Sponsored by: Oklahoma Association of Cleaners and Dyers, Dry Cleaners Institute of Texas, Kansas Cleaners and Dyers Association.
Subjects: Drycleaning, silk finishing, wool pressing, spotting and wetcleaning and related subjects; practice and theory.
Duration: Eight weeks for each part (drycleaning, silk finishing, spotting and wetcleaning, wool pressing).
Fees: Each 8-week course $125, including books and supplies. Low-cost housing and meals available.
Eligibility: For spotting and wetcleaning course only, drycleaning course or equivalent.
GI approved.

Commercial Schools

Drycleaning Management (Bill Ayers & Associates)
Covington, Virginia

Subjects: Plant facilities, production controls, merchandising, administration. Lectures, demonstrations and plant observation.
Duration: 2 weeks.
Dates: Next session March 6-18.
Fees: Tuition $220, including books and supplies.

Empire Institute of Tailoring
422 East Fifth Street, Hazleton, Pennsylvania

Subjects: (A) Complete course: tailoring, pattern making and designing. (B) Accelerated course: Basic tailoring, pants and suit making, repairing and reweaving.
Duration: (A) 2 years, 25-hour week. (B) 12 weeks, 25-hour week.
Dates: (A) Students accepted as openings occur. (B) Begin April 4, July 5, September 25, 1950.
Fees: (A) $985 per year; (B) $300. Tools and supplies included.
Eligibility: Male, minimum 16 years.
(A) only GI approved.

Motor City Trade School, Inc.
2641 Joy Road, Detroit 6, Michigan

Subjects: Drycleaning, wetcleaning, spotting, finishing, alteration-tailoring (bushelling), managing small businesses.
Duration: General course, 6 months or 610 hours. Short courses: drycleaning 170 hours, wetcleaning 145 hours, spotting 170 hours, finishing 125 hours, bushelling 800 hours.
Dates: New classes start each month.
Fees: General course $450, short courses $.75 per hour. Registration and graduation fee $5, materials supplied.
Eligibility: Minimum age 17 years, 6 months.
GI approved.

Unique Institute of Cleaning Trades
420-430 East 43rd Street, Chicago 15, Illinois

Subjects: Drycleaning and wetcleaning, finishing, spotting, hat blocking, hat making. Theory, shop practice and related business practice.
Duration: Cleaning, 18 weeks; spotting, 18 weeks, finishing, 12 weeks, hat blocking 12 weeks, hat making, 14 weeks.
Dates: New classes begin every week.
Fees: Finishing, $174.41; cleaning, $261.61; spotting $261.61; hat blocking $174.41; hat making $174.41.
GI approved.

Correspondence Schools

Delray Industries, Inc.
1904 Freeman Avenue, Cincinnati 14, Ohio

Subject: Spotting.
Fees: Entire course $73.80. Or, lesson unit (textbook, instruction, bulletins, swatches) $31.50; extra swatches $14.80; chemical kit $22.50; "Spotting Manual," $5.

Holdard Drycleaning and Redyeing School
Silver Spring, Maryland

Subjects: (1) General course (for managers and owners). (2) Drycleaning. (3) Spotting. (4) Wetcleaning, bleaching and stripping. (5) Dyeing all materials. (6) Drycleaning and spotting. (7) Spotting and wetcleaning. (8) Drycleaning, spotting and wetcleaning. (9) Spotting, wetcleaning and dyeing. (10) Applied chemistry for garment cleaners.
Fees: (First figure cash, second installment payments) (1) $72.50, $87.50. (2, 3 or 4) $32.50, $38.50. (5 or 6) $48.50, $57.50. (7) $58.50, $48.50. (8 or 9) $58.50, $68.50. (10) $50.00, $62.50.

1950 NATIONAL CLEANER & DYER INDEX TO ARTICLES

		Page
ACCOUNTING		
Cost Comparisons for the Year 1947	February	96
Cost Percentages for the Year 1947	February	97
Double-Duty Bookkeeping	August	92
ADVERTISING (See "Sales Promotion")		
AIR CONDITIONING (See "Ventilation")		
ASSEMBLY		
Gadgets Galore	June	38
Licking Belt and Button Problem	January	88
A Model Layout	August	58
ATHLETIC UNIFORMS		
Athletic Uniforms	February	70
Hobby into Sideline	November	126
CLAIMS		
Arbitration in Wichita	January	80
Horse Sense Management	May	44
Six Years of Arbitration	October	18
Westward Ho!	August	44
CONSTRUCTION		
Elastic Layout	September	52
New Angles	April	84
Plant in Pictures	October	60
Small but Smart	August	84
CUSTOMER RELATIONS		
Customer Education on Wetcleaning	March	84
Fun with Figures	July	50
Humor Gets Collection Results	August	88
Quiz on Bill Collecting	September	118
Quiz on Customer Relations	October	121
Sign Emphasizes Courtesy	October	124
Working with Welcome Wagon	November	94
DELIVERY		
Hotels Pay for Hash	September	93
Low-Cost Truck Upkeep	June	114
Stencils for Savings	September	90
DRIVE-INS		
Cleaning Bar	April	130
Happy Ending	May	56
Kansas City Criterion	November	80
Savannah Drive-In	June	36
Trademark Building	March	90
DRYCLEANING		
Capacities of Cleaning Tanks	February	84
Capacities of Dryc'ean'ng Washers	February	84
Cleaning Solid Whites	July	70
Extractor Speeds	February	84
Kilowatt Hours To Run Extractors	February	84
Only One Gravel in Load	November	54
Petroleum Solvents	February	80
Pumps for Filter Circulation	February	84
Recommended Dryc'ean'ng Washer Speeds	February	84
Solvent Filtration	February	81
Synthetic Solvents	February	78
Use of Soap and Moisture	February	82
DYEING		
Dyeing Boosts Furniture Cleaning	October	24
Garment Bleaching	February	60
Power Costs Nearly Halved	May	62
EMPLOYEE RELATIONS		
Cheerfulness Wins	January	60
Coke Profit Buys Coffee	July	113
Extra Height Saves Extra Effort	October	30
A Human Relations Program for Industry	January	90
New Twist to An Old Idea	October	126
Nobody Indispensable	October	96
Rubber Mat Lifts Height and Spirits	January	88
State Help in Hiring	January	48
Three Years Experience with Aptitude Testing	June	86
Utopia Reconverted	June	60
Westward Ho!	August	44
ENGINEERING		
Belt and Pulley Calculations	February	103
Blowdown Tank Installation	December	30
Boiler Efficiency	February	98
Dimensions of Standard Wrought Pipe	February	106
Expansion of Pipe	February	106
Flexible Metal Hose	February	107
For Water Analysis	November	128
Group vs. Individual Drive	February	105
Power Costs Nearly Halved	May	62
To Prevent Float Sticking	September	88
Trap Capacities	February	107
Two Boiler-Efficiency Aids	November	66
FABRICS		
Table of Synthetic Fibers	February	108
Trade Practice Rules and Test Procedures for Textiles	April	124
What's New in Fabrics	July	114
FINISHING		
Apron for Puff-Iron Unit	April	74
Double-Duty Spray	May	90
Gallery of Gadgets	October	56
The Individual Worker	May	78
Maximum Temperatures for Various Fabrics	February	84
New Trouser Technique	March	86
Plain Pin Gets Even Crease	July	70
Production on Pants	December	56
Shrinkproof System	March	106
Steam-Line Size	February	84
Wool Shirt Shrinkage Cut	November	28
FLAMEPROOFING		
Flameproofing	February	71
FURS (See also "Storage")		
Bleaching Fur Collar	January	66
Fragile and Expensive	June	52
Fur Cleaning Classification and Work Chart	February	90
Fur Coat Trouble Spots	July	90
Fur Collar for Cloth Coat	April	98
Fur Fashion Forecast for 1950	August	28
Furs and Storage	February	55
Getting Started in Furs	December	58
Furs For Turns Ten	November	54
Renewing Shoulder Flange	January	54
Salvaged: One Fur Muff	May	70
Squirrel Repair	March	70
GADGETS		
Airplane Tightener for Gadgets	March	92
Cure for Leaking Steam Gun	March	92
Gadget Holds Water Spray Gun	December	50
Gadgets Galore	June	38
Gallery of Gadgets	October	56
How To Improve Your Stepladder	January	88
Lecture Cards That Stick	July	70
Musical Electric Eye	December	50
Omaha Gadgets	November	34
Outdoor Lint Trap	August	70
Pictures from Pekin	May	40
Power of a Woman	November	56
Supplementary Timer for Dryc'ean'ng Unit	November	28
Westward Ho!	August	44

		Page
HATS		
Custom-Made Hats	April	116
Hat Cleaning	February	62
HOUSEHOLD		
Curtains and Drapes	October	34
Dyeing Boosts Furniture Cleaning	October	24
Household Cleaning	February	51
How To Fold Slipcovers	April	64
Lampshades and Why We Clean Them	May	80
Omaha Gadgets	November	54
INCENTIVES		
Horse Sense Management, Part II	May	44
Small-Town Star	April	76
Time-Off Incentive	June	90
Wage Incentives	February	95
LAUNDRY		
Bachelor Bait	June	70
Gallons of Water at Various Depths in Metal Washers	February	92
Laundry Extractor Speeds and Centrifugal Force	February	92
Laundry Washer Capacities	February	91
Laundry Washer Revolutions per Minute	February	92
LAYOUT		
Customer's-Eye View	January	96
Elastic Layout	September	52
Gilt-Edge Investment	January	70
High Man on a Bicycle	January	40
A Model Layout	August	58
Shortcuts in Layout and Production	September	74
Small-Town Star	April	76
Splendid Sparkle	July	30
Three Years Later	November	70
LEATHER		
Leather Cleaning	February	64
Leather Jackets	August	72
LEGAL		
Case of the Conditional Sale	September	121
Ruling on Identical Business Names	August	96
Tax on Installment Fees	August	96
Value of Lost Clothes	October	20
LEGISLATION		
Attacks on Drycleaning Regulation	July	88
Drycleaning Bill Introduced in Texas	April	104
Legislation, Proposed and Opposed	May	96
Legislative Items	August	96
Licensing Law Introduced in Wisconsin	June	96
Local Licenses in Florida	November	128
Massachusetts Minimum Raised	July	88
More Legislation in Florida	December	18
New Regulations for Pennsylvania	August	96
New York's New Disability Law	June	96
Price Law Upheld in Oklahoma	June	96
Proposed Law on Cleaners' Marks	April	104
Tax Ruling in Ohio	January	80
LIGHTING		
Good for Bad Eyes	August	70
Green Light for Eye Strain	November	72
Plant in Pictures	October	60
LOT SYSTEM		
Lot System Procedure	June	104
MAINTENANCE		
Blowdown Tank Installation	December	50
Low-Cost Truck Upkeep	June	113
Portable Toolroom	March	82
MANAGEMENT		
Blue Ribbon Service	March	62
The Clean Slate	April	74
Conference Highlights	December	70
The Economics of Price Cutting	November	46
Economics of Sidelines	February	58
Effects of Price Changes	February	93
Efficient Operation	May	84
Horse Sense Management, Part I	April	48
Initial Supplies	February	93
A Model Layout	August	58
Production Standards	February	98
Relationship of Volume to Profit	February	94
School for Managers	December	50
Small-Town Star	April	76
Utopia Reconverted	June	60
Who's Doing Sidelines?	September	44
MARKING		
Combination Cabinet	October	40
Marker Profits	March	58
Quality Can Be Efficient	April	40
MERCHANDISE SELLING		
Merchandise for Sale	February	75
MOTHPROOFING		
Double-Duty Spray	May	90
Mothproofing	February	72
New Mothproofing Twist	May	74
PACKAGING		
Blue Ribbon Service	March	62
Cleaning Bags That Sell	April	120
Convenient Bag Holder	May	90
Omaha Gadgets	November	54
PERSONALITIES		
Fred Matson	July	44
The Ten Smith Brothers	October	6
RACKS AND CONVEYORS		
Customer's-Eye View	January	96
Gallery of Gadgets	October	56
Happy Ending	May	56
Less Overhead	October	68
Pictures from Peking	May	40
Second-Story Job	January	70
Seventh Small Plant	September	34
Shamrock in Clover	August	48
Space-Saving Slickrack	November	28
Splendid Sparkle	July	30
Useful Slickrack Break	April	74
Westward Ho!	August	44
REPAIRS		
Hosiery Repair	February	53
A Model Layout	August	58
Productive Repair Reminder	April	120
Repair Reminder	June	112
Tailoring	February	53
Tailoring Repair Chart	November	90
You Can Still Buy These	June	122
Zipper Repair	February	74
REWEAVING		
Reweaving	February	68
Reweaving Estimator	March	84
RUGS AND CARPETS		
Dry Rack for Small Volume	June	122
Fresh-Aired Rugs	December	64
Power of a Woman	November	36
Profits in Home Work	September	64
Rug and Carpet Cleaning	February	58
Rug Cleaners' Gadgets	July	58
Rug Cleaning in Small Town	November	88
Rug Plant Visitation	April	114
Rugs for Sale	July	60
SAFETY		
Fire-Protection Devices	January	118
No Water Damage	April	94
Safety Equipment	November	123
Storage for Drycleaners	July	94

SALES PROMOTION — Page

- Accent on Love (billboard) — July 100
- Advertising Combination — October 88
- Animated Window Displays — August 80
- Benefits from Baseball — September 64
- Blue Ribbon Service — March 62
- Boost to Lagging Lines — November 127
- Calendars in Every Pocket — December 24
- Cleaning Bags That Sell — April 120
- Conference Highlights — December 70
- "Convenience Corner" Appeals — January 94
- Cooking School Tie-up Wins Customers — June 112
- Creating a New Market — July 46
- Customer Control to Increase Sales — September 66
- Direct-Mail Pointers — October 104
- Direct-Mail Tips — August 120
- Displays with a Theme — March 94
- Double-Duty Bookkeeping — August 92
- Effective Radio Advertising — May 86
- Fur Movie Fare (newspaper) — November 24
- Four Dollars and Up — January 86
- Fox Attracts Furs (Sign) — May 74
- Gilt-Edge Investment (store display) — January 76
- High Man on a Bicycle — January 40
- Holiday Contest Prizes — November 24
- Horse Sense Management, Part II — May 44
- How to Increase Drycleaning Turnover (newspaper) — June 92
- Maximum Pull for Mailing Lists — November 124
- Meet Mr. and Mrs. (store display) — March 84
- Milwaukee Orchids (billboards) — September 50
- New Tricks — December 48
- On the House — July 100
- The Open Door (customer) — March 78
- Parking Lot Pointers — April 120
- Plant Signs and Clock Stop Them — August 88
- Plant Team Wins Games and Customers — July 100
- Power of a Woman — November 50
- Premium Redemption Days — December 24
- Productive Repair Reminder — April 120
- Profitable Plant Visits — November 24
- Question Marks Attract Attention (sign) — November 24
- Quick-Service Promotion — October 24
- Radio Ads Spur Shirt Volume — January 94
- Radio and the Drycleaner, Part I — October 48
- Radio and the Drycleaner, Part II — November 44
- Radio and the Drycleaner, Part III — December 86
- Regularity Holds Readers — April 132
- Restful Reminder — August 88
- Rug Cleaning in Small Town — November 88
- Rugs for Sale — July 60
- Scent Sells Storage — December 100
- Selling Sidelines — February 45
- Seventh Small Plant — September 54
- Showing the Customers — October 119
- Signs Are Silent Salesmen — August 88
- Slick Premium — October 24
- Solicitors Sell Storage — March 60
- Split Personality — May 92
- Staging by Swan — October 72
- Style Sells Cleaning (newspaper) — October 116
- Telephone Directory Fun — July 100
- Trademark Building — March 90
- Truck-Top Signs Promote Storage — June 112
- Utopia Reconverted — June 60
- Westward Ho! — August 44
- Wholesaler Goes Retail — June 46
- Wide Open Spaces (newspaper) — January 94
- Winning Window — September 84
- Working with Welcome Wagon — November 94

SANITIZING

- Sanitizing — February 74

SHIRTS

- Button Replacement Wins Business — May 74
- Omaha Gadgets — November 54
- Radio Ads Spur Shirt Volume — January 94
- Self-Supporting Servant — October 36
- Shirt Laundering — February 65

SHOE REPAIR — Page

- Shoe Repair — February 68

SPOTTING

- Brown Stain Is Mildew — January 66
- Common Spots — February 85
- A Digester-Bath Heater — August 70
- Gadgets Galore — June 58
- Hemline on Acetate — November 54
- May Not Be the Soap — January 66
- Bed Dye on Rainwear — January 66
- Sizing Soluble in Alcohol — January 66
- Slop Spotting — August 34
- Splendid Sparkle — July 50
- Spotting Tips — February 88
- Spray-Spotter — September 88
- Stains To Be Prespotted — February 88
- Stenciled Number on White Skirt — November 54

STORAGE

- Approximate Cost of Vault Construction — February 90
- Bachelor of Storage — May 66
- Capacities of Fumigation Cabinets — February 90
- Fox Attracts Furs — May 74
- Furs and Storage — February 55
- Fur Storage Definitions — February 89
- Gauging Relative Humidity — February 90
- It's the Vault That Counts — July 56
- A Model Layout — August 58
- No Water Damage — April 94
- Scent Sells Storage — December 100
- Simpler Storage Receipt — November 86
- Solicitors Sell Storage — March 60
- Storage for Drycleaners — July 94
- Truck-Top Signs Promote Storage — June 112

STORES

- Birch-Mahogany for Store Fittings — September 64
- Conference Highlights — December 70
- Creating a New Market — July 46
- High Man on a Bicycle — January 40
- Kansas City Criterion — November 80
- Merit in Berkeley — September 58
- A Model Layout — August 58
- One Clear Call — June 76
- Plant in Pictures — October 60
- Separation Saves Storage Space — June 122
- Seventh Small Plant — September 54
- Shamrock in Clover — August 58
- Small But Smart — August 84
- A Smooth Blend — June 124
- Splendid Sparkle — July 50
- Stores Sell Quality — June 134
- Three Years Later — November 56
- Westward Ho! — August 44
- Wholesaler Goes Retail — June 46

TAILORING (See "Repairs")

TRAINING

- Birth of a Salesman — November 70
- Conference Highlights — December 70
- Nobody Indispensable — October 96
- Utopia Reconverted — June 60

UNSERVICEABILITY

- Sizing Soluble in Alcohol — January 66
- Substandard Ready-to-Wear and You — June 100

VENTILATION AND AIR CONDITIONING

- Plant in Pictures — October 60
- Seventh Small Plant — September 54
- Tumbler Room Heat Reduced — September 88
- Westward Ho! — August 44

WATER REPELLENTS

- Water Repellents — February 69
- Winning Window — September 84

WETCLEANING

- Customer Education on Wetcleaning — March 84
- Inexpensive Wetcleaning Aid — October 30

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Seven reasons you make MORE PROFIT

Using

DICALITE* 7

1. Makes Solvent Conductive—both effective and reliable in action. Gives loads that are more consistently uniform and of higher quality.

2. Eliminates Linting and Dusting—carries off static charges so lint, etc., are not re-attracted to the garments but are removed in trap or filter. Eliminates extra spotting, "de-linting" and re-running.

3. Increased Soil Removal—according to independent tests and cleaners' reports Dicalite 7 shows an average of 10% higher soil removal.

4. Stops Re-depositing Soil. Stops most of your "graying" trouble. Whites are whiter; colors are cleaner and brighter.

5. High Speed Filtration—for faster flow of filtered solvent to washer, insuring maximum daily output. Also gives you longer rinsing in cleaner solvent; you actually secure more rinsing in your usual time.

6. Normal Pressure Build-up. Because of the more porous cake and lowered resistance afforded by Dicalite 7 you get thorough removal of all dirt, grit and other soil from the solvent, and pressures remain lower longer.

7. Lower Cleaning Costs. These are certain when you secure higher soil removal, save many hours of spotting, de-linting and other extra work. Your production goes up and unit cleaning costs go down.

*DICALITE Reg. U.S. Pat. Off.

DICALITE DIVISION, GREAT LAKES CARBON CORPORATION

NEW YORK 17, N. Y. • CHICAGO 13, ILL. • LOS ANGELES 14, CALIF.

IF YOUR JOBBER CANNOT SUPPLY YOU, WRITE US AND GREAT WILL BE HIS PLEASURE

When writing to advertisers please mention The NATIONAL CLEANER & DYER

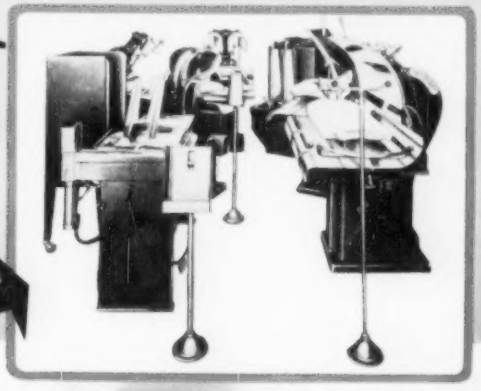
DRYCLEANERS! Here's the Finest Fast Shirt Finishing for '50!

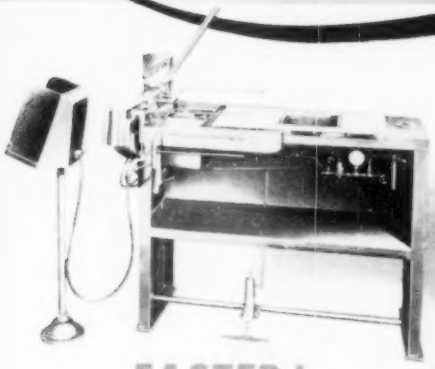
New! **PROSPERITY®**

2-GIRL

DAVIS SHIRT UNIT

The unit you've been waiting for!

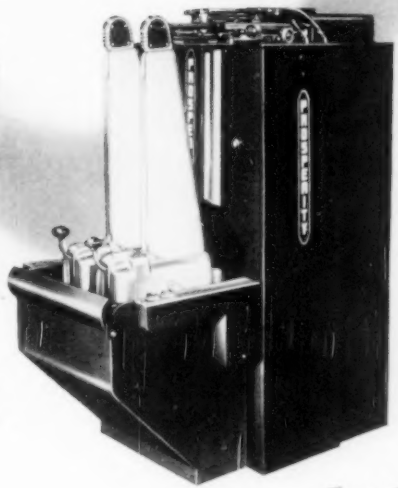




FASTER!

Automatic SHIRT FOLDING MACHINE

And now . . . an Automatic Folding Machine that keeps pace with Prosperity's accelerated shirt finishing unit . . . the faster and finer folding by this machine completely eliminates the shirt-folding bottleneck.



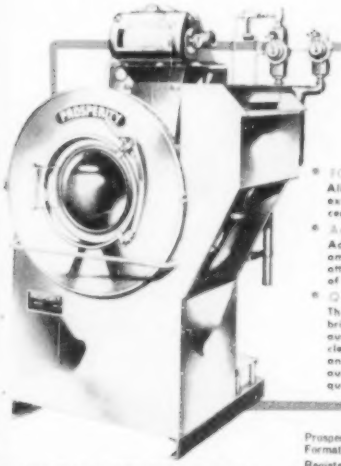
FINER!

New CABINET-TYPE SLEEVE PRESS

Again . . . Prosperity demonstrates leadership in finer and faster finishing tools. Not only does this superb sleever earn more per operator-hour for you . . . but for the first time customers' shirts have a bosom finish on sleeves and the all-over appearance of the finest "shirt-makers" hand finishing.

The DAVIS SHIRT UNIT gives you—

- Over-lap quality pressing of entire shirt
- Over-all bosom finish on sleeves
- Smooth, form-fitting shoulders and yokes, without creases
- Perfect 2-girl balance of work



PROSPERITY *Fully Automatic* 20 LB. WASHER

- FORMATROL® Operated
  All loads quality-washed according to management's exact formulas. 59 out of 60 washing operations in successive, automatic sequence.
- Adds Supplies Automatically
  Adds powdered and liquid supplies, in measured amounts, at proper time in washing cycle, without attention from washman. No omissions, errors, waste of supplies.
- Quality Shirt Washing
  Thorough washing and clear neutral rinses. Shirts bright and white, never yellow under presses. And the automatic washing cycle is FAST! Adaptable to all wet cleaning. ONE GIRL can mark, wash, extract starch and sort a large volume of shirts, because Prosperity automatic washing affords "free time" as well as quality control.

Get Started Right for SHIRT PROFITS!

Shirt finishing pays off and has always increased the volume of drycleaning . . . Shirt customers are drycleaning customers. Prosperity has the experience and equipment for faster and finer service in shirts.

Mail This Coupon Today!

The PROSPERITY COMPANY, Inc.
2135 Erie Blvd., E., Syracuse, N. Y.

☐ Send information on DAVIS SHIRT UNIT
☐ Send information on 20# FULLY AUTOMATIC WASHER
☐ Have your Representative Call

Company _____
Address _____
City _____ State _____
My Name _____

Copyright 1950, The PROSPERITY COMPANY, Inc.

Prosperity ®
Formatrol ®
Registered trademarks of The PROSPERITY COMPANY, Inc.

PIONEER MANUFACTURER

The PROSPERITY COMPANY, Inc.

AUTOMATIC PRECISION PRODUCTION TOOLS for LAUNDRY and DRYCLEANING PLANTS
Main Office and Factory, Syracuse 1, N. Y.
Sales, Service and Parts in Principal Cities

Trademark PROSPERITY Reg. U. S. Pat. Off.

Direct Sales Made by Wholly-Owned Subsidiary The PROSPERITY COMPANY, Inc. (a Delaware Corporation)

Here's something that's really

NEW *and* DIFFERENT

W-L

A NEW CALED SOAP

CLEANS ANY CLASSIFICATION

•

ADAPTS TO ALL TYPES OF SYSTEMS

•

ADAPTS TO ALL TYPES OF RUNS

THERE'S NEVER BEEN A SOAP LIKE IT!

● ● For the first time in history, here is a soap that will do *all* these things: (1) Cleans without moisture (2) Gives thorough cleaning on either long or short runs (3) Cleans hard, soft and fancy woolens as well as silks, pastels, raincoats (4) Usable in Stoddard solvent, 140 F, Carbon Tet or Perchlorethylene solvents.

CHEAPER TO USE THAN ANYTHING ON THE MARKET

The "equivalent cost" of W-L is only 82¢ per gallon, compared to less effective soaps—takes only ⅓ oz. per pound.

	Per gal.
55 gal. drums	$3.30
30 gal. drums	3.45
15 gal. drums	3.60

GYROSCOPE ACTION

W-L acts as a perfect balancer for whatever type of load you may have. When you've got a few woolens mixed in with other garments, W-L automatically takes care of this classification differential—gives you a uniformly clean load—prevents "felting" and linting.

Try **W-L**

OUTSTANDING!

UNIQUE!

SAFE!

CALED PRODUCTS CO., Inc.

BRENTWOOD MARYLAND

When writing to advertisers please mention The NATIONAL CLEANER & DYER

How "Completely Automatic" is *SUPER-ZORIC*?

With SUPER-ZORIC, Operator Only...

1. Loads soiled work.
2. Sets dials.
3. Unloads work—beautifully cleaned, dry, ready for finishing.

"*Completely Automatic*" SUPER-ZORIC *doesn't even need an operator around* while it cleans, extracts, dries and deodorizes 30-lb. loads in a straight-through, automatic cycle. For 29 minutes out of SUPER-ZORIC'S 30-minute cleaning cycle, the operator is free to perform other duties. That means *practically zero labor costs* on each load . . . much greater profits on every pound of SUPER-ZORIC'S top quality cleaning you turn out.

Get full information on "Completely Automatic" cleaning with SUPER-ZORIC. WRITE TODAY for illustrated literature.

Look at these many outstanding features which **"Completely Automatic"** SUPER-ZORIC gives you for finer quality, more profitable cleaning with perchlorethylene solvent:

- Electro-Pneumatic Control automatically performs all operations of processing cycle, summons operator when load is ready for finishing.
- Complete change of filtered solvent every minute . . . speeds cleaning.
- Available for Automatic Soap Batch Cleaning, with provision for filtering or distilling solvent.
- High-Speed Extraction—750 r.p.m.—reduces drying time.
- Monel metal cylinder and tub side-sheets . . . nickel-clad tub heads.
- Solvent fumes cannot escape into workroom . . . protects operator.
- Reclaims solvent vapors . . . cuts solvent costs.
- Adjustable Air Temperature Control reduces shrinkage.
- Air-Sealed, Electrically Interlocked Tub Door cannot be opened while unit is in operation.
- Air Filter cleans incoming and recirculated air.
- Easily cleaned Pressure Filter and jacketed-type Monel metal Still.
- All reclamation equipment contained in compact, fully enclosed cabinet.
- No outside tanks. No foundation needed.

DRY CLEANING DIVISION

The

AMERICAN

LAUNDRY MACHINERY CO.

CINCINNATI 12, OHIO

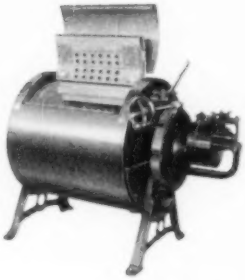
When writing to advertisers please mention The NATIONAL CLEANER & DYER

American

COMPLETE EQUIPMENT FOR ANY

BUCKEYE Washer. Unequalled for fast, quality cleaning. *"Double-Action Cleaning"* flushes solvent 2 ways through load. Double-Embossed cylinder perforations. Also belt drive. Capacities—50 to 300 lbs. dry wt.

GLOBE Washer. Sturdy, low priced. Welded, black iron tub. Stout maple cylinder, reverses automatically, cleans thoroughly. Also elevated header, or belted motor drive. Capacities—22 to 75 lbs. dry wt.

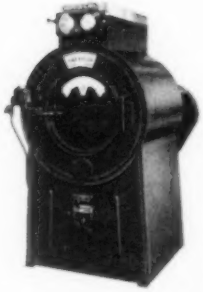


SOLID CURB Extractor. Famous for economical operation and long, trouble-free service. Monel metal basket with tinned-copper covered Mechanite Metal bottom. Also belt drive. Capacities—22 to 60 lbs. dry wt.

40" O.T. Extractor. Low slung for fast loading. Equidistant *"plumb"* suspension gives extra smooth operation. Speedy solvent removal from 130 lb. loads. Available with Automatic Brake & Timer. Also 48", 180 lbs. capacity.

63" O.T. Extractor. Mass producer. Thoroughly extracts 1 or more 325 lb. dry wt. loads an hour. Lowset for dish-trough loading from washers. Monel metal basket. Available with Automatic Brake & Timer.

ZONE-AIR Tumbler with Automatic Temperature & Cooling Control. *"Zone-Air Drying Action"* speeds drying, thoroughly deodorizes. Control reduces shrinkage by automatically maintaining preset temperature of drying air. Dbl. motor drive, reversing or non-reversing; or single motor drive. 35, 45 lbs. capacities.



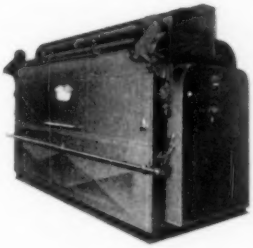
THE AMERICAN LAUNDRY MACHINERY CO.

THE AMERICAN LAUNDRY MACHINERY COMPANY • CINCINNATI 12, OHIO

When writing to advertisers please mention The NATIONAL CLEANER & DYER

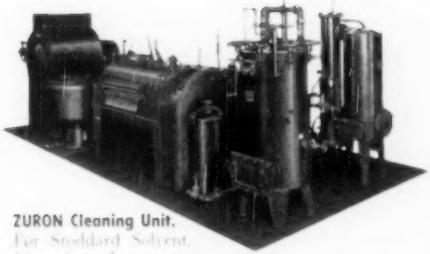
American

SIZE & TYPE CLEANING ROOM

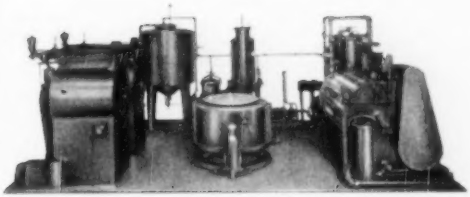


SUPER-SPEED Tumbler. For mass production, low cost drying and deodorizing. Work and time-saving features. Multiple sirocco-type fans. Double motor, V-belt drive. 100, 150, 200 lbs. dry wt. cap.

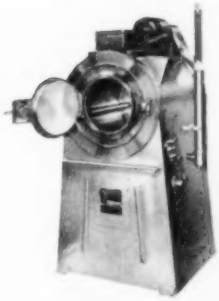
STEAM and AIR Ladies' Garment Finisher. Self-adjusting. Finishes any size and style dress or skirt, including "New Look" and ballerinas. Low working height. Fast, simple operation cuts finishing costs.



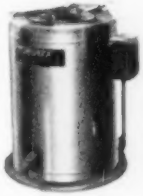
ZURON Cleaning Unit. For Stoddard Solvent. Complete cleaning room equipment, balanced capacities. Available with BUCKEYE or GLOBE Washer. Wide range of sizes.



NOEX Cleaning Unit. For 140° Flash Solvent. Underwriters Approved. Complete, balanced cleaning room equipment. BUCKEYE or GLOBE Washer. Wide range of sizes.



2225 CASCADE Front Loading Washer. For "CASCADE Washing Action" makes wet cleaning profitable — saves costly hand-scrubbing. Monel metal construction. Available with explosion-proof motor, also 2-Speed Drive. 25 lbs. dry wt. cap.



17-inch MONEX Extractor. For speedy extraction in wet cleaning department. Monel metal basket and curb. Automatic Safety Cover. Sturdily constructed for long, hard service. 20 lbs. dry wt. cap.

Write Today

for illustrated literature on machines in American's complete line of cleaning room equipment.

World's Largest Manufacturer of Laundry and Dry Cleaning Equipment

When writing to advertisers please mention The NATIONAL CLEANER ★ DYER

Wilson Stain Removers

—help you do Quality Work!

Nationwide demand is proof that continuous quality of all Wilson Products pays dividends in profits. They save you claims through quicker and more thorough stain removal. Each designed for a specific purpose for complete scientific stain removal.

RustGo

The 20 oz. RustGo container with hard rubber spout and cap allows you a maximum amount of rust removing agent for convenient application.

Erad-Ink

Wilson's latest development. Powdered form and easy to apply. Removes writing ink stains including Parker "51." Try it . . . see the difference!

TarGo

—Distinctive Spotter — Removes Marking Ink, Oxidized Oil and Greases, Lipstick, Nail Polish, Tar, Pitch, Paint, Aeroplane Dope, etc.

When other spotters fail, try TarGo!

YellowGo

—Liquid Stripper — Removes Yellow, Red, Green, and Purple Dye Stains, etc. Removes one dye from another. Also Red Clay, Match and Metal Stains, etc.

Color-Go

Good powder-stripper for removing dye stains, also silver nitrate, iodine, etc. Used in combination with InkGo in bleaching crayons, etc.

InkGo

—Liquid Oxidizing Agent — Removes Oxidizable Dyes, Bleaches Crayons, Pure Silk and other dyed fabrics. Removes base of Marking Ink. Removes Writing Ink, Indelible Pencil, Mildew, Scorch, etc.

Stains go with YellowGo, TarGo, InkGo, ColorGo, RustGo, and Penso

A. L. WILSON CHEMICAL CO.

The last word in Stripping and Spotting Agents

38 PASSAIC AVENUE, KEARNY, N. J.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

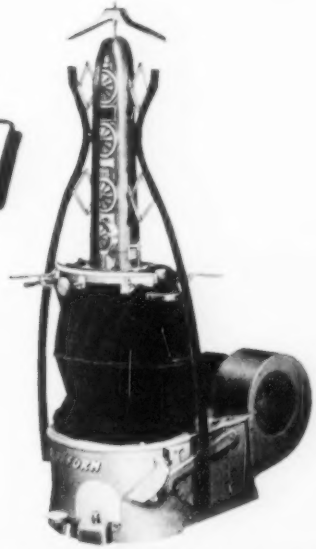
IT'LL BE WORTH YOUR WHILE TO LOOK INSIDE...

AT THE ONLY MACHINE IN THE INDUSTRY THAT FINISHES LADIES' GARMENTS TO EXACT SIZE AND SHAPE!

YOU can Build Business with

FLEXFORM

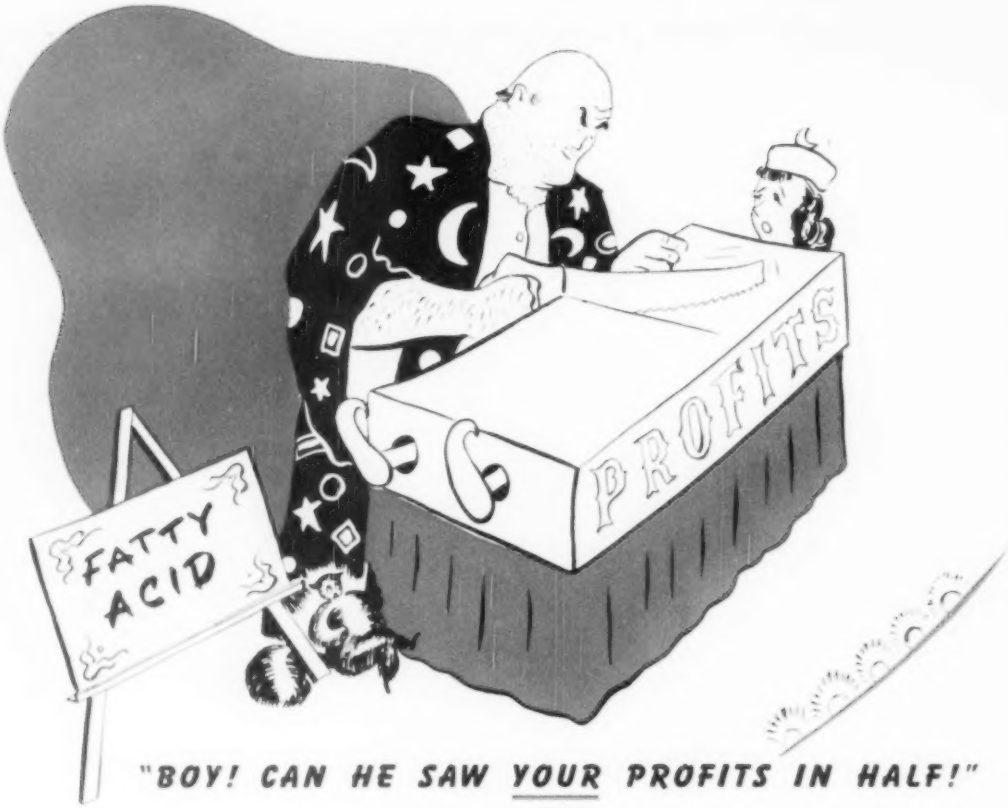
Send today for your free copy of this new Flexform Manual just off the press.



TRI-PAK Machinery SERVICE INC.

HARLINGEN, TEXAS

When writing to advertisers please mention The NATIONAL CLEANER & DYER



"BOY! CAN HE SAW YOUR PROFITS IN HALF!"

What "SOLVENT ODOR" can do to your business isn't funny!

Like magic, excessive fatty acid in your solvent can make hard earned good will and profits disappear! And, it's most likely to happen when you are running heavy loads of woolens.

There are only two ways to avoid solvent-odor complaints: One is to dump and distill *frequently*. That's time consuming; costly in labor, steam and solvent loss; a mean job at the best.

The other—MAGNESOL*—is time and labor-saving.

MAGNESOL does far more than filter out solid soil. By adsorption it literally pulls *dissolved* impurities out of your solvent; removes odor-forming fatty acid color and other impurities; keeps your solvent continuously "sweet", clear and active.

You'll never know how effective MAGNESOL is until you order a bag. Why not do it now?

WESTVACO CHEMICAL DIVISION

FOOD MACHINERY AND CHEMICAL CORPORATION

GENERAL OFFICES • 405 LEXINGTON AVENUE, NEW YORK 17

CHICAGO, ILL. • DETROIT, MICH. • CLEVELAND, OHIO • CINCINNATI, OHIO
ST. LOUIS, MO. • LOS ANGELES, CALIF. • NEWARK, CALIF.

*MAGNESOL is the registered trade mark of Food Machinery and Chemical Corporation for its magnesium silicate adsorptive powder.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

From COAST TO COAST

AND ON THE CONTINENT

THE PLANT OF TOMORROW

Features

"MARTINIZING"
fully automatic
Drycleaning Units
actually pay
for themselves
from savings
effected.

INCREASED CAPACITY
and
GREATER PROFITS
with
MARTINIZING

The Plant of Tomorrow, pictured above, was the "Martinizing" booth at the recent Kansas City A. I. L. convention. A modernistic store and plant, complete in every detail — from the reception counter to the boiler room. Sold, Installed and Serviced by Martin.

Ask why Martinizing is more than drycleaning, yet costs less to install and operate in a small space. Let us prove to you why "Martinizing" assures you greater profits.

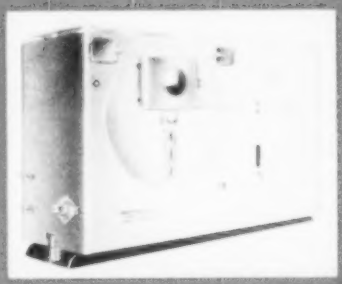


Illustration shows the "Martinizing" fifty pounder with a capacity of from fifty to sixty pounds of garments cleaned in every thirty minute cycle.

***Other models from 50 lbs. to 240 lbs. per hour.* Tell us your problem and we will show you how to increase your profits.**

At Chicago, March 12th to 15th, we will be in Booths No. 381 to 386, No. 581 to 586—N.I.C.D. Convention.

WRITE, WIRE or PHONE **BE THE FIRST IN YOUR COMMUNITY — ACT NOW.**

MARTIN EQUIPMENT CORPORATION

789 HERTEL AVENUE, BUFFALO 7, N. Y.

DESIGNERS AND BUILDERS OF "MARTINIZING" • DRY CLEANING • LAUNDRY EQUIPMENT

When writing to advertisers please mention The NATIONAL CLEANER & DYER

see why this unique machine can do

more for you!

This is more than a cash register. True, it gives you the protection and information that can be had only from a modern cash register. But it also gives you the convenience and economy of a built-in adding mechanism that can be used *at any time* without disturbing your cash register records. And it records Charge Sales, Received on Accounts, and Paid Outs.

Ask your local National representative to show you how this National "200" will fit *your* business . . . will give you the detailed, accurate records you need . . . will cut your record-keeping costs.

Here's an easier way to keep better records!

Stops Mistakes — Saves Time — Figures in indicator panel show price of each item and total. Machine automatically adds tax, preparing receipts, or addition and speeding checking service. Records amounts from 1¢ to $999.99. Gives protection convenience over all prices charged and control of all money collected.

Sales automatically grouped — Classification keys automatically separate sales into as many as eight classifications — by department, selling employees, services, commodities or other desired classifications. Capacity adjusted to any need of sale.

All records under lock and key — Transaction is completed by proprietor's key, protects records and accumulated total.

Descriptive keys — These keys can be used for identifying selling employees, for price, supplying symbols or for other classifications: weights, sizes, brands, stock numbers, store numbers, etc. Especially valuable for repeat key punches.

Extra large cash drawer — Seven compartments for coins and compartments for bills provide binding and stapling. Removable provision may permit balancing cash in drawer.

National
CASH REGISTERS • ADDING MACHINES
ACCOUNTING MACHINES

THE NATIONAL CASH REGISTER COMPANY, DAYTON 9, OHIO

When writing to advertisers please mention The NATIONAL CLEANER & DYER

CYCLO

CONCENTRATED PRESPOTTER

America's Leading Prespotter for 22 years.

Often imitated but never duplicated.

Drycleaners everywhere recognize the superiority of Cyclo for the removal of either water soluble or solvent soluble stains.

Equally adaptable for use with either chlorinated or petroleum solvent.

R. R. STREET & CO. INC., 561 W. MONROE ST., CHICAGO 6, ILLINOIS

America's Most Outstanding Truck Values

—with more power than ever!

Here are the models to make motor-truck history. These new Chevrolet P•L trucks are advance-designed for the heaviest loads, the roughest roads, the lowest cost per trip.

They are far ahead in popularity, performance, payload, price—and they are the *most powerful trucks Chevrolet has ever built.* There is a P•L truck for every trucking job and every one is a real leader on the job.

Chevrolet Motor Division, General Motors Corporation
Detroit 2, Michigan

Leading with all these PLus *Features:*

• TWO GREAT VALVE-IN-HEAD ENGINES: the New 105-h.p. Load-Master and the improved 92-h.p. Thrift-Master—to give you greater power per gallon, lower cost per load • THE NEW POWER-JET CARBURETOR: smoother, quicker acceleration response • DIAPHRAGM SPRING CLUTCH for easy action engagement • SYNCHRO-MESH TRANSMISSIONS for fast, smooth shifting • HYPOID REAR AXLES—5 times more durable than spiral bevel type • DOUBLE-ARTICULATED BRAKES—for complete driver control • WIDE-BASE WHEELS for increased tire mileage • ADVANCE-DESIGN STYLING with the "Cab that Breathes" • BALL-TYPE STEERING for easier handling • UNIT-DESIGN BODIES—precision built.

CHEVROLET

P*L*

ADVANCE-DESIGN TRUCKS

P*opularity L*eaders Official truck registration figures for 1949 show Chevrolet trucks preferred over the next two makes combined—proof of the owner satisfaction they earn through the years.

P*erformance L*eaders The new Chevrolet P•L trucks give you high pulling power over a wide range of usable road speeds—and on the straightaway, high acceleration to cut down total trip time.

P*ayload L*eaders The rugged construction and all-around economy of Chevrolet P•L trucks cut operating and repair costs—let you deliver the goods with real reductions in cost per ton per mile.

P*rice L*eaders The Chevrolet truck line is the very lowest priced line in the field—saves on initial cost. What's more P•L trucks give owners dollar and cents savings in maintenance and operation.

CHEVROLET

When writing to advertisers please mention The NATIONAL CLEANER & DYER

TAKAMINE

Known for Quality

FOR MORE THAN 50 YEARS!

TAKALAB

board digester

the best and fastest enzymic digester of albuminous stains known in the industry. Works efficiently at varying pH and temperatures on spotting board . . . without scraping. Eliminates bath and drying operations for small stains. TAKALAB has always been the standard of quality for digesters in the industry.

TAKIMERSE

bath digester

specially designed for the bath, TAKIMERSE removes large albuminous stains in but a few minutes. Minimizes spotting, wet-washing and re-runs. Extra potent, TAKIMERSE cuts hard, set stains with immersion alone. Wide temperature range and extra stable, this bath digester is *better* and more economical than *any* other bath digester.

RESIZET

sizing agent

restores and resizes original finish to wet-cleaned and re-dyed garments. Imparts original lustrous softness, clearness of color and draping qualities to all garments. Makes possible that fresh NEW appearance that's essential to *quality* work and maximum profits. Makes finishing faster and easier, cuts finishing costs!

ASSISTEX

dispersing agent

completely disperses maximum amount of water in drycleaning solvent without wrinkles, shrinkage, bleeding or greying of colors and at no increase of filter pressure. Cuts wet-cleaning and minimizes finishing work. Keeps solvent in good condition. Speeds and simplifies spotting, especially on inorganic stains. "Tops" for pre-spotting.

YOUR JOBBER CAN SUPPLY YOU OR WRITE DIRECT FOR SAMPLES

TAKAMINE

LABORATORY, INC.

CLIFTON, NEW JERSEY

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Manitowoc

Presents a New

Synthetic Dry Cleaning Unit!

Superior in Design . . . Superior in Construction and Far Superior in Performance

Thoroughly tried, proved and tested this new Manitowoc Perchlorethylene Dry Cleaning Unit was built to fill the need in the industry for a low cost, high capacity machine in establishments doing a volume up to $1500 per week.

Designed • Built • Guaranteed by *Manitowoc* under The Most Reliable Sales Policy in the Industry

Back of every Manitowoc Dry Cleaning Unit stands the integrity, the engineering skill and vast facilities of this 47 year old, world-famous organization.

1. Responsible Dealers

A financially responsible dealer organization with adequate experience and ample facilities to render assistance, service and parts at all times.

2. Factory Planned Installation

Purchase price of unit includes factory planned installation and complete operating instructions.

3. Six-Month Warranty

Manitowoc provides a six-month service guarantee plus scheduled inspections by factory trained representatives.

On Display

See this remarkable Dry Cleaner at the N. I. C. D. Show, CHICAGO, MARCH 12-15 • BOOTHS 790-791

The Manitowoc is a basic "bread and butter" machine, having ALL the essentials necessary to turn out the highest quality and maximum volume of cleaning at the lowest cost per dollar of investment. It is low in original cost . . . low in maintenance cost . . . low in operating cost . . . and *highest in the industry in pound capacity per dollar of investment.*

DUAL DRUM FOR EXTRA CAPACITY

Washer and extractor drum holds 35 pounds. Dual drum construction permits operating deodorizer tumbler simultaneously with washer, thereby doubling capacity.

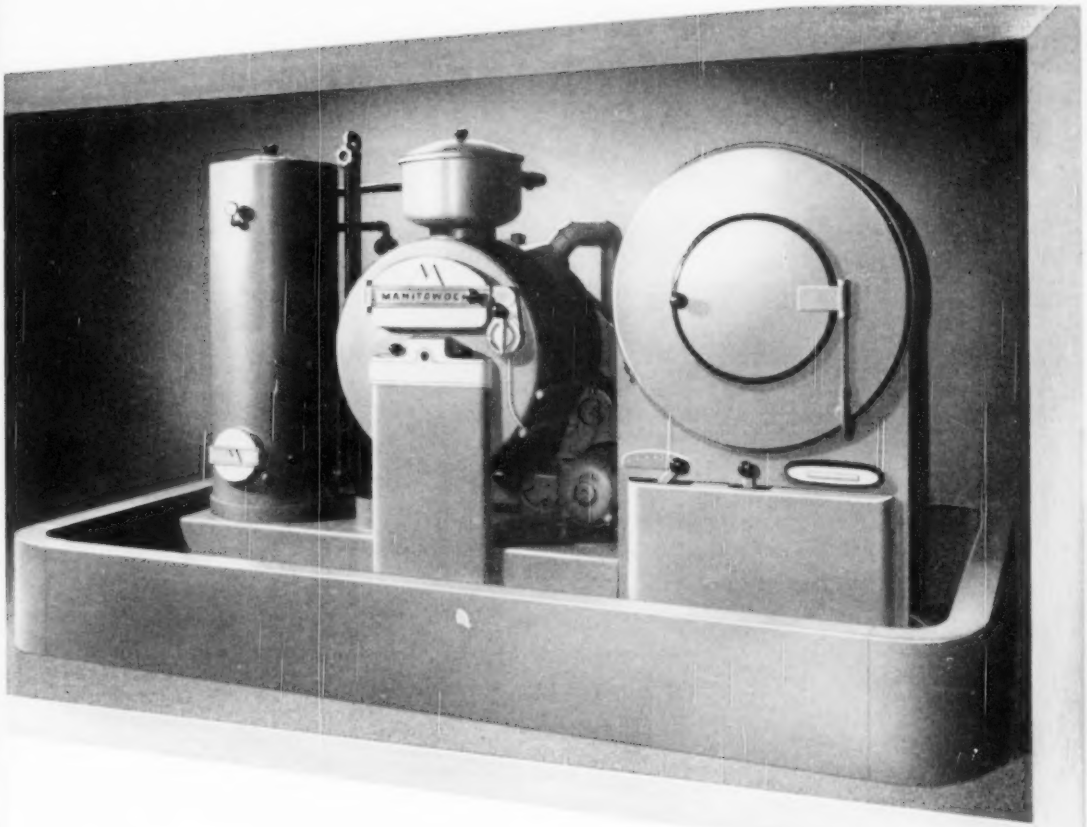
BUILT-IN VENTILATION

The only unit in the industry with a completely built-in ventilation system—with ducts along the floor level to enclose the entire unit. A powerful fan draws any possible fumes out through an exhaust stack. In addition, air is drawn into the washer and tumbler automatically whenever doors are opened.

GREATER SIMPLICITY

Anyone can operate a Manitowoc . . . it requires no skilled technician. Because it is manually controlled, each cycle can be set to suit the load. Two timers provide warning signals upon completion of any pre-set cycle. Soap loads can be run as desired.

When writing to advertisers please mention The NATIONAL CLEANER & DYER



Washes, Extracts, Tumbles, Deodorizes, Recovers Solvent

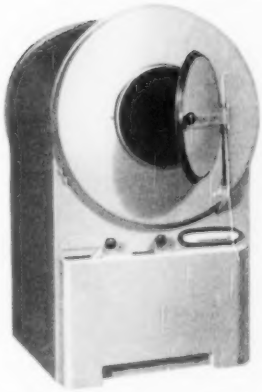
The Manitowoc is a complete dry cleaning unit consisting of storage tank, still, filter, filter back-wash, washer-extractor, deodorizing tumbler for solvent recovery and a built-in ventilating system. It fills with solvent, washes, drains and extracts in one cylinder on pre-set variable cycles. The clothes are then removed and placed in the deodorizing tumbler which dries them and recovers the solvent vapors. Continuous filtration of solvent assures better, faster cleaning.

Using nonexplosive Perchlorethylene combined with a built-in ventilating system, the Manitowoc provides utmost safety, meets most zoning regulations and does not require additional insurance.

It will pay you to investigate this new, low priced dry cleaning unit. Send for additional details today.

TEMPERATURE CONTROLLED DEODORIZING TUMBLER

May be purchased separately. 36" x 36" tumbler, for deodorization and solvent recovery. Comes complete with temperature regulator, heating and cooling coils, lint trap and motor.



Manitowoc *Synthetic*

MANUFACTURING DIVISION of
MANITOWOC SHIPBUILDING CO.
512-16th Street, Manitowoc, Wisconsin

PERCHLOR DRY CLEANING UNIT

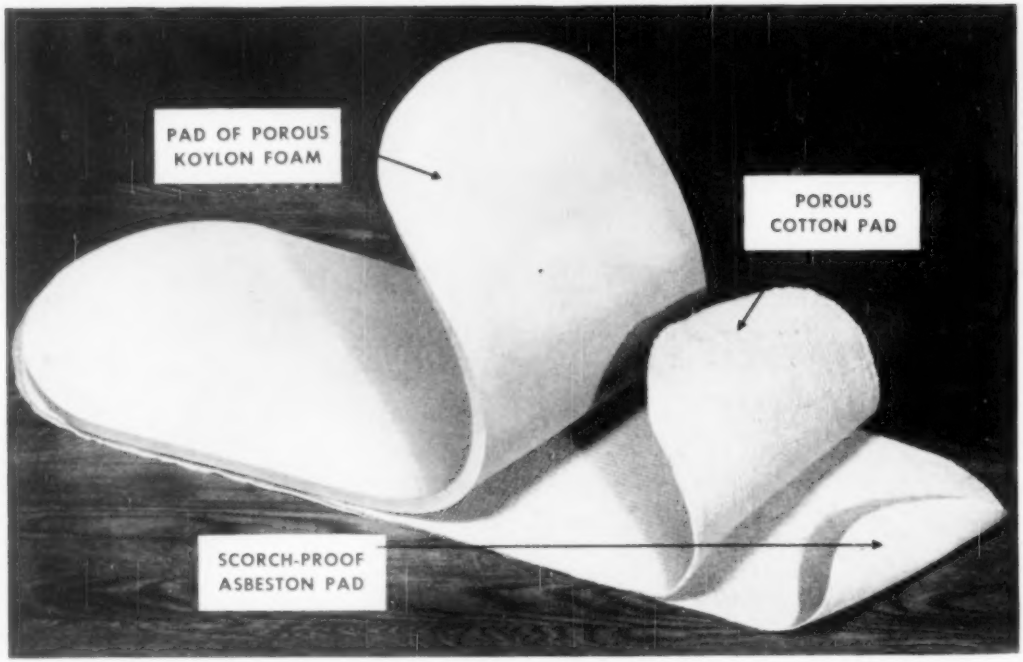
When writing to advertisers please mention The NATIONAL CLEANER & DYER

"HAND-PRESSING" RESULTS

WITH NEW

U.S. Koylon® FOAM *Pressing Pad*

INSULATED WITH FLAME-PROOF ASBESTON* FABRIC



Range of sizes • Easy installation
Molds to shape, pad trims evenly over edge

MORE EFFICIENT • MORE ECONOMICAL

- NO breaking or crushing of buttons, zippers
- Less shine on fabrics

- Quick steam and vacuum. Reduces pressing time
- No lint

- Cuts maintenance and replacement costs
- Increases safety

You get far better work—faster, easier, too—with real safety of operation. For this pad smooths and presses, yet fluffs up fibers—prevents suit shine. Buttons and zippers sink into the foam, so they won't break. The layer of Asbeston, woven with rock asbestos is fire-resistant. Discover the revolutionary advantages and economy of this pressing pad. Available only through your jobber.

UNITED STATES RUBBER COMPANY

Koylon Foam Division, Mishawaka, Indiana • *Serving Through Science*

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Announcing-ALL NEW-ALL PROVED

INTERNATIONAL TRUCKS

Every model *Heavy-Duty Engineered* to save you money!

New International puts you squarely in the driver's seat—with a complete new line of completely new trucks!

Every single new International Truck from 4,200 to 90,000 pounds GVW is heavy-duty engineered to give you lower maintenance and operating costs.

Let the facts tell that story:

Fact No. 1: for 18 straight years Internationals have led in sales of heavy-duty trucks (16,000 pounds and over GVW). The men who buy heavy-duty trucks buy on a basis of performance. They choose Internationals.

Fact No. 2: the same management men, the same engineers, the same test experts, the same production men who kept Internationals first in the heavy-duty field, have developed every new International Truck.

Every model offers new high standards of comfort and easy handling

Here's relaxing roominess! Here's all 'round visibility! Here's a comfortable, adjustable seat! Yes . . . you get everything in the Combo-Vision Cab!

You have full visibility in the one-piece Sweep-sight windshield. That convenient two-cluster instrument panel puts everything right in front of your eyes.

And when the truck starts to roll, you find that new Super-steering right for position, and positive control.

AND TALK ABOUT FEATURES . . .

Every new International Truck offers new improvements throughout!

NEW **Functional Styling**—Smart, brassy appearance combines modern design with extreme practicability.

NEW **Engine Accessibility**—Special hinges and hood design provide extra working space between engine and fenders—hoods easily removed.

NEW **Brake Systems**—hydraulic or air. Faster acting, surer stopping, longer wearing, more efficient braking with less effort.

NEW **Outdoor Visibility**—Giant, one-piece wraparound curved Sweepsight windshield, large side windows, two rear windows.

NEW **Valve-in-head engines**—All out power for greater power, greater economy, greater stamina, greater efficiency.

NEW **Steel-flex Frames**—Designed to provide an extra margin of strength combined with the right amount of flexibility.

NEW **Comfo-Vision Cab**—Model for model "the finest cab on the road"—with comfort cushions, adjustable seats, controlled ventilation.

NEW **Specialized Transmissions**—Types and gear ratios for any job—three-speed, four-speed and five-speed with direct drive or overdrive to 70k.

NEW **Load-balanced Wheelbases**—Shorter wheelbases for stands and body lengths provide better load distribution, better maneuverability.

NEW **Super-Maneuverability**—More positive control from a more comfortable position; new wide tread axles mean the shortest practical turning circle and greater stability.

NEW **Rear Axles for any job**—Wider, sturdier rear axles—hypoid single-speed double-reduction and two-speed with electric shift.

NEW **Cradle-Action Springs**—Longer springs for greater load bearing ease—stronger springs, simpler mounting and new spring suspension for longer life.

Plus dozens of new features and refinements throughout every truck!

Proved in the mountains!

Proved on the Belgian Blocks!

Proved in heavy rainfall!

Proved on the twist course!

Every model proved under actual operating conditions!

There wasn't any price tag on the test program to prove the new International Trucks.

It was directed by men whose life work has been to develop better truck transportation. Test drivers were chosen as carefully as you do any key workers. All our doors was used for proving grounds. Laboratory analysis tests were backed up by track tests, then by actual road tests. Test convoys were run 'round the clock.

That's why every all-new, all-proved International Truck is right and ready for you now.

Call or visit your International Truck Dealer or Branch

International Harvester Farmall McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks Industrial Power . . . Refrigerators and Freezers

Listen . . . Listen Million and "Harvest Stars" CBS, Sunday afternoons

INTERNATIONAL INTERNATIONAL **TRUCKS**

INTERNATIONAL HARVESTER COMPANY CHICAGO

A ROYAL FLUSH
for your boiler

DOCTOR BOILER

REMOVES AND PREVENTS BOILER SCALE...
ELIMINATES CORROSION...
STOPS BOILER FOAMING...

Doctor Boiler, the scientific scale remover with "colloidizing action" is your winning hand whenever the stakes are... *boiler efficiency!*

There's nothing else like it on the market! Doctor Boiler actually forces boiler scale to remove itself. No complicated formulas, no bothersome water samples, no extra shut-downs. It works while your boiler works!

DOCTOR BOILER DISTRIBUTORS

ALABAMA
Dixie Laundry Machinery Co., Montgomery

ARKANSAS
McClinton Sales & Service Co., Fort Smith

CALIFORNIA
Potek & Co., San Francisco

CANADA
Consolidate Fontex Machinery Co., Ltd., Montreal
D.C.L. Supplies Ltd., Toronto

COLORADO
American Supply Co., Denver
Kuhlman Brothers, Denver
Scientific Supply Co., Denver

ILLINOIS
Rodin Brothers, Chicago
Robert L. Wolff, Chicago

MICHIGAN
Excelsior Machinery Company, Detroit

MISSOURI
Flandern, St. Louis
John A. Morris Equipment Co., Springfield

NEW YORK
NY-Penn Machinery Co., Buffalo

OHIO
Belanke Wooten Company, Akron
Tex-O Corporation, Cincinnati
Mid-State Supply Co., Dayton

PENNSYLVANIA
Ross Sales Co., Gloucester

TENNESSEE
McCleary Bros., Memphis
Mott Machinery Co., Memphis

TEXAS
Billingsly Machinery Company, Dallas
Carver Boiler Works, Lubbock
Dallas Tailor & Laundry Supply Co., Dallas
The Murphy Company, Dallas
National Disinfectant Co., Dallas
L. C. Scott Machinery Co., Lubbock
Simplic-Matic Water Softener Co., Odessa
Stole Chemical Co., Amarillo

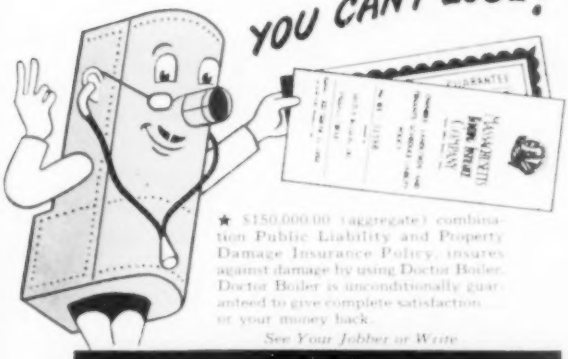
UTAH
R.E.M. Company, Salt Lake City

VIRGINIA
Virginia Carolina Laundry Supply Corp., Richmond

DISTRIBUTOR INQUIRIES INVITED

YOUR BOILER DOCTOR

YOU CAN'T LOSE!



★ $150,000.00 (aggregate) combination Public Liability and Property Damage Insurance Policy, insures against damage by using Doctor Boiler. Doctor Boiler is unconditionally guaranteed to give complete satisfaction... or your money back.

See Your Jobber or Write

DOCTOR BOILER

4316 MAIN ST. DALLAS, TEXAS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

The new

"in by 9-
takes care of

You can take care of the "in by 9 out by 5" customers . . . maintain your own standards of quality . . . and make these added sales mean extra profits. The answer is Dow's out-standing new perchloroethylene solvent —PERKLOR.

PERKLOR, with its short cleaning cycle is the ideal solvent for these same-day deliveries. Quality cleaning is assured, because Dow's improved stabilized PERKLOR brings out the brightness in colors and makes whites whiter. No odors to cause complaint, is another "plus" factor of the new PERKLOR. For extra profits—let PERKLOR take care of "same-day" sales!

use DOW Synthetic

PERKLOR · DOWCLENE

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Perklor

out by 5" traffic

If your distributor is unable to supply you with new PERKLOR at once, check with him later. Large shipments are going out from Dow daily.

THE DOW CHEMICAL COMPANY · MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Atlanta • Cleveland • Detroit
Chicago • St. Louis • Houston • San Francisco • Los Angeles • Seattle
Dow Chemical of Canada, Limited, Toronto, Canada

Solvents

CARBON TETRACHLORIDE

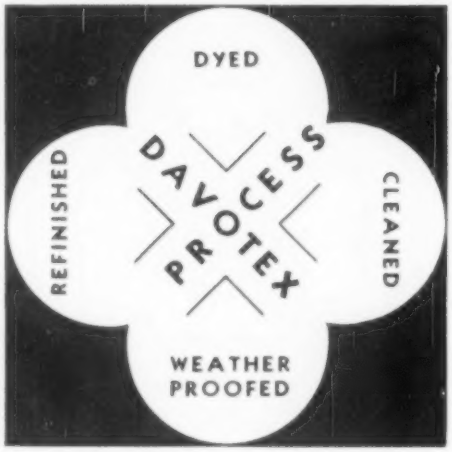
DOW

CHEMICALS

INDISPENSABLE TO INDUSTRY AND AGRICULTURE

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Bigger Profits For You . . .
The DAVOTEX Process



The DAVOTEX symbol of expert leather cleaning is now recognized and displayed by our customers in each of the 48 States.

★ **Cleans**

★ **Redyes**

★ **Refinishes**

LEATHER or SUEDE

Jackets • Ladies Suits • Coats • Hats • Gloves

No Cleaner Can Afford to load his solvent with leather oil and dye; to train operators for the seasonal volume, to interfere with regular cleaning runs OR to pass up the ready profits use of our service brings.

- Complete Insurance
- Open Account
- Advertising ★
- Reasonable Prices
- Prompt Return
- Guaranteed Workmanship

★ *Bundle Inserts & Window Streamers Mailed Upon Request*

Send Garments With Complete Instructions to

EXPERIENCE of **55** Years

WE KNOW HOW

C.O.D

CLEANING & DYEING CO.

SERVING **48** States

1430 Harrison St. **DAVENPORT, IOWA**

Experts in Dry Cleaning Since 1895

When writing to advertisers please mention The NATIONAL CLEANER & DYER

THE MILNOR LINE

SOLD BY LEADING DISTRIBUTORS EVERYWHERE

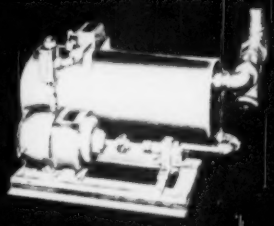
WASHERS

25 & 50 lb Single & 18 & 25 lb Dual Units

EXTRACTORS

17", 20", 26", 30", 40", 48" & 60",
Laundry & Dry Cleaning Models

AUTOMATIC SOLVENT RETURN SYSTEMS

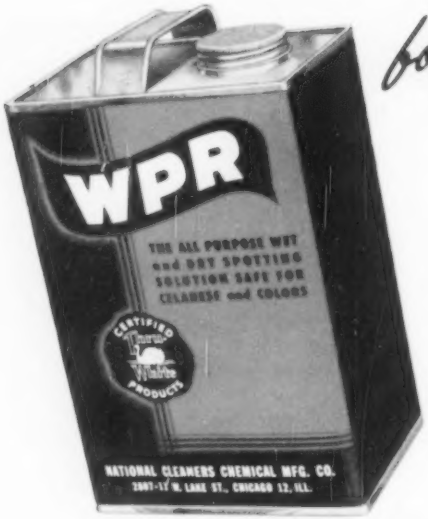


Automatic Features Available
On All MILNOR Equipment

PELLERIN MILNOR CORP.

NEW ORLEANS, 18, LA. U. S. A.

When writing to advertisers please mention The NATIONAL CLEANER & DYER



for the fast, safe removal of

PAINT AND GREASE

SWEET SPOTS

NAIL POLISH

GRASS STAINS

LIPSTICK

1 DOES THE WORK OF 5

Fast-acting W.P.R. is the preferred spot-remover among leading dry cleaners everywhere. For W.P.R. is safe . . . economical to use . . . and does a thorough job of removing tar, paint, grease, nail polish, lipstick, sweet spots, albumen, many dye stains and varnish. Try a gallon today and see for yourself why this all-around spot remover is the answer to your spotting problems.

- W.P.R. makes an excellent wet spotter . . . speeds high quality volume production
- W.P.R. rinses readily with water or dry solvent
- W.P.R. is absolutely safe on colors and celanese

Have you tried these other work-saving products?

JIFFY-STICK
Removes ink, iodine, beverage, fruit and many dye stains

STRIP-STICK
Stripper and stain remover for bled-on dyes and colored stains

RUSTICK
"Writes off" rust stains instantly, removes spots that respond to acid

SUPER-SOL
Pre-spotting soap removes tar, grease, food stains, bottom streaks

CELA-SOL
Chloroform substitute, acts fast, feathers readily, dries completely

Order From Your Jobber!

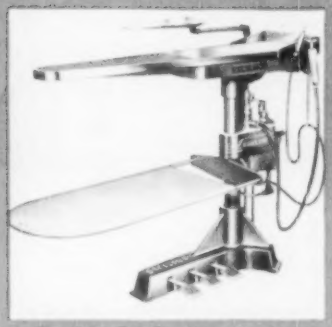
NATIONAL CLEANERS CHEMICAL MFG. CO.
2807-11 West Lake Street
Chicago 12, Illinois

Write for Catalog

VISIT US AT THE N.I.C.D. EXHIBIT, BOOTH NO. 172

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Look Again! See EXCELSIOR



Excelsior Silk Spotting Machine for top production and peak efficiency at lowest cost.

Excelsior Wool Spotting Machine for maximum production in minimum space.

Excelsior Fabric Head Presser with new copper screen insertion for greater pressure.

Excelsior Combination Offset Finisher . . . most versatile machine in the cleaning industry.

Excelsior Hat Finishing Machines for speed and ease in factory-fresh hat renovating.

CFP-4H Puff Iron Unit. Choice of 8 Puffer Heads. Single, double or triple tables.

Excelsior leads the way in the designing and production of dry cleaning equipment that keeps pace with the ever increasing demand for greater production at lower costs. For all that's new in efficient dry cleaning equipment . . . for all that's profitable in dry cleaning equipment . . . it will pay you well to investigate the complete Excelsior line. For details and prices, contact your jobber or write direct to Excelsior.

EXCELSIOR MACHINERY COMPANY

1452 RANDOLPH STREET • DETROIT 26, MICH.

Distributors In Principal Cities

DRY CLEANERS!

Mix Your Own Soap

Pocket $20 to $40 Savings (Each Time!)

with ALROLENES 65 and 70

In 5 minutes, with an old soap drum and your regular solvent, you can mix ALROLENE detergents and solvent and SAVE $20 to $40 every time!

Why buy ordinary high-priced combinations of solvent and a little soap when ALROLENES give you *BETTER RESULTS* at *LESS COST!*

ALROLENES mix readily, will not settle out, give you many extras!

ALROLENES strip off dirt, soften fabrics — emulsify water

ALROLENE 65 For Synthetic Solvents

ALROLENE 70 For Petroleum Solvents

Get trial samples and easy-to-follow instructions — send TO-DAY!

ALROSE CHEMICAL COMPANY

Manufacturing and Research Chemists

BOX 1294 — PROVIDENCE, RHODE ISLAND

RUGBY M'CLEAN

Economic Adviser to the Nation's Dry Cleaners

ADD NEW SERVICES

WITH THE MULTI-CLEAN METHOD

CLEAN UP with MULTI-CLEAN!

- There's a *big* potential market for rug and upholstery cleaning—on location or in your plant. 90% of rugs and carpeting never get professional cleaning!
- The Multi-Clean Method is making *extra* profits for others. Get on the bandwagon.
- Your Multi-Clean investment is less than $1,000.
- A trained Multi-Clean representative shows you the way.
- The Multi-Clean Sales Aid Plan helps you get new business.

MULTI-CLEAN (R)

2277 Ford Parkway, Dept. 12L
St. Paul 1, Minn.

Gentlemen: Send complete information by return mail about the Multi-Clean Method and your Sales Aid Plan.

Name

Address

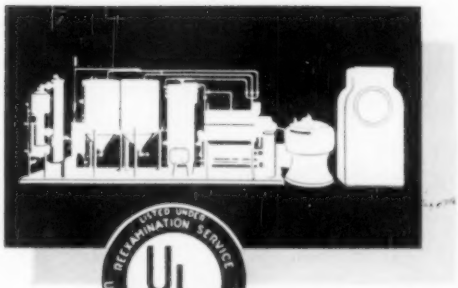
City Zone State

RIGHT NOW use this Coupon

Rug and Floor Machines • Industrial Vacuums • Custom Cleaning Chemicals • Permanent Floor Finishes

When writing to advertisers please mention The NATIONAL CLEANER & DYER

When writing to advertisers please mention The NATIONAL CLEANER & DYER



you hear it everywhere

Hoffman 140-F units

give safety solvent cleaning

at lowest cost per pound

More than 1800 units in use

*For use in any commercial establishment, Hoffman 140-F units provide the lowest possible operating cost per garment cleaned. Safety petroleum solvent operation costs as little as ½¢ per pound of garment.

Illustrated above is the Model 35 unit for loads up to 35 pounds. Other Hoffman units for loads up to 800 pounds. Call your Hoffman representative—or write today—for the complete profit details.

Also available, Hoffman complete units for Stoddard petroleum solvent operation.

TOPS IN VALUE ...SINCE 1905

Hoffman

U. S. HOFFMAN MACHINERY CORP. 105 FOURTH AVENUE, NEW YORK 3, N. Y.

LIKE February and Aquarius*

*According to astrology, the ancient "science of the stars", those born from January 21 to February 20 fall under the influence of Aquarius, symbolized by a man pouring water.

Stod-Sol
and
Stod-Sol TEST BUNDLE SERVICE

... they go together.

BIRTHDAY GREETINGS to DRYCLEANERS BORN in February

Drycleaners native to the sign of Aquarius, astrologists will tell you, are usually quiet and reserved. Being good counselors, however, they are always willing to talk about the merits of Stod-Sol, the nation's leading drycleaning solvent. They'll tell you how Stod-Sol and Stod-Sol "Test Bundle" Service improve drycleaning quality and increase production wherever they're used. Ask your nearest Stod-Sol distributor for details.

ANDERSON-PRICHARD
INDUSTRIAL NAPHTHAS

ANDERSON-PRICHARD OIL CORPORATION

PRODUCERS REFINERS

OKLAHOMA CITY, OKLA.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

YOU CAN RELY ON RELIABLE

IT'S LATER THAN YOU THINK!!

PLAN NOW for 1950 PROFITS
...thru FUR and Woolen Storage
...and FUR Cleaning!

- It costs you nothing to find out HOW you can make money with RELIABLE STORAGE and CLEANING EQUIPMENT in your plant! Each installation is designed and individualized to FIT your specific requirements and profit possibilities!

CLIP OUT
MAIL TODAY

Yes "Reliable"
• We want FUR STORAGE DATA
FUR CLEANING DATA
A call from a Field Representative
... without obligation, of course.

NAME
FIRM
ADDRESS
CITY ZONE STATE

RELIABLE

Reliable Fur Storage Equipment Company

DIVISION OF RELIABLE MACHINE WORKS, INC.

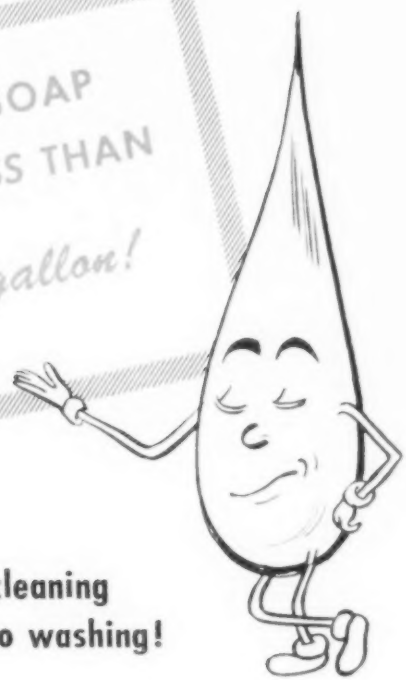
230-240 EAGLE STREET • BROOKLYN 22, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

LOOK!

A DRYCLEANING SOAP THAT COSTS YOU LESS THAN

25¢ *per gallon!*



DREW

DRISYN

as vital to cleaning as soap is to washing!

Dry cleaners everywhere acclaim DREW DRISYN . . . the concentrated concentrate that makes a gallon of soap for less than 25c!

DREW DRISYN is superior to any other drycleaning soap or detergent you've ever tried . . . it's easier to use . . . and it costs you less!

DREW DRISYN can be used in Petroleum *or* Synthetic Solvents with or without moisture.

DISTRIBUTORS! Some territories are still available for responsible jobbers. Write for information.

SAVE MONEY—TRY DRISYN TODAY!

Chemical Specialties DIVISION

E. F. DREW & Co., Inc.

15 EAST 26TH STREET, NEW YORK 10, N. Y.

Offices and warehouses in principal cities

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Lowered Costs

from better and more rapid finishing of the three main groups of your work here illustrated — also additional savings from finishing fur-trimmed coats *safely*, wool sport shirts, windbreakers, many children's coats and *plain* dresses.

It is obvious that the
PARIS CONVERTIBLE
is NOT another Steaming Sue,

and that it is far more versatile than any mere dress finisher.

The Paris simplifies and speeds up the finishing of wet cleaned cotton raincoats. It pre-conditions wet cleaned dresses. It is "almost indispensable in the finishing of dyed work", reports one of the largest dye houses in New England.

Less Steam Used

Steam dispersal, quickly and thoroughly penetrating the garment, is balanced to avoid waste and operator discomfort. The form turns and the operator stands still.

The Paris Convertible is constructed of aluminum castings, polished stainless steel and copper coils for long life. It is powered by a ¼ H.P. 110 V. motor, A. C., or D. C., as required.

The machine is well balanced mechanically. The tan and motor can be lifted out for cleaning without tools and the valves and mechanical pedals are on the outside of the machine, easy to repick or adjust. The steam spray ring is under constant heat control. The steam is properly trapped and balanced with enough moisture for proper finishing yet gives no water trouble whatever under steam pressures of 60 to 100 pounds.

Reg. U. S. Patent No. 2,417,818

This One Machine

The PARIS CONVERTIBLE—

finishes more kinds of garments *better* than any other one finisher or combination of finishers. This multiple use machine, with its two interchangeable long wearing nylon forms, takes the place of three separate machines; one for men's suit coats, another for ladies' jackets and still another for long coats. The Paris does the work of three machines for the cost of one!

The Paris' superiority over these three specialized machines is due to CONTROLLED PRESSURE. Steam and air are not enough. With them you only *pre-condition* whereas to quality finish garments with the fewest possible touch-ups you must have a third element — CONTROLLED PRESSURE.

This unique, patented feature of the Paris Convertible results from:

1) Four zipper regulated sections shape the lower part of the form to fit the size of the garments. The upper part of the form and the sleeves are self-adjusting.

2) An instantly adjustable hinged clamp securely holds the garments front edges straight and without impressions. A similar rear clamp likewise holds vents or split "tails". The needed controlled pressure of the form is then applied by the steam and air to the whole garment. (Notice the sleeves and lower edges of the garments illustrated above.)

Paris CONVERTIBLE
Controlled Pressure Finisher

Write us or ask your jobber for a demonstration in your plant

GARMENT FINISHING EQUIPMENT CORPORATION

FRANK A. WELLER, *President*, SHARON, PENNA.

SALES OFFICES: 110 MAIN STREET, CAMBRIDGE 42, MASS.

Manufactured by: PARIS MANUFACTURING CO., Brockway, Pa.

RIVERSIDE SPOTTING CHART

ADHESIVE TAPE	Zeotone, Pee-Vee, Zolvit, Watt Spotter	FRUIT	Water, Tergit, Rimaco Gen. Formula, Sodium Bisulfite	MERCURO CHROME	Water, Ammonia, Rimaco Gen. Formula, Water
ALBUMIN	Water, Tergit, Digestit, Water	GLUE Animal & Vegetable	Water, Digestit, Water	MILDEW	Tergit, Rimaco Gen. Formula, Dilute Hypochlorite (White)
ARGYROL	Iodine, "Hypo" Solution, Dilute Ammonia or Iodine, Hot Rimaco Gen. Formula	GLUE Airplane	Pee-Vee	MILK	Water, Tergit, Digestit, Water
ASPHALT TAR PITCH	Hexamo, Zeotone, Zolvit, Watt Spotter	GRASS (STAINS)	Green-Pee-Vee, Watt Spotter, Brown, Rimaco Gen. Formula	MUSTARD	Water, Tergit, Rimaco Gen. Formula, Digestit, Peroxide
BEER	Water, Tergit, Rimaco Gen. Formula, Digestit, Water	GRAVY	Water, Tergit, Watt Spotter, Digestit, Water	NAIL POLISH (Lacquer)	Pee-Vee
BERRY STAINS	Water, Rimaco Gen. Formula, Sodium Bisulfite	GREASE	Hexamo, Zolvit, Zeotone, Pee-Vee, Watt Spotter	PAINT AND VARNISH	Zeotone, Zolvit, Pee-Vee, Watt Spotter
BLOOD	Water, Tergit, Ammonia, Digestit, Water	HAIR DYE	Watt Spotter, Water, Rimaco Gen. Formula	PAINT (Water)	Water, Tergit, Digestit, Water
CARBON	Zolvit, Soltex, Hexamo, Watt Spotter	ICE CREAM	Water, Tergit, Digestit, Water	PERFUME	Water, Rimaco Gen. Formula, Water, Peroxide
CATSUP	Water, Tergit, Water, Rimaco Gen. Formula, Digestit, Water	INDELIBLE PENCIL	Water, Rimaco Gen. Formula, Sulphogen pp, White	PERSPIRATION	Water, Tergit, Ammonia, Water
CEMENT	Glacial Acetic Acid, Not safe on Acetate Rayons	INDIA INK	Hexamo, Soltex, Tergit, Rimaco Gen. Formula	RUBBER CEMENT	Pee-Vee
CHEWING-GUM	Zeotone, Pee-Vee, Zolvit, Watt Spotter	INK BALL POINT	Soltex, Hexamo, Zolvit, Rinse, Cleaning Solvent	SALAD OIL DRESSING	Zeotone, Zolvit, Pee-Vee, Hexamo, Watt Spotter, Digestit
CHOCOLATE	Hexamo, Watt Spotter, Rimaco Gen. Formula, Peroxide	INK GENERAL	Water, Tergit, Rimaco Gen. Formula, Rust Remover, Ammonia	SCORCH	Peroxide, Hang in Sunlight while wet
COCA COLA	Water, Rimaco Gen. Formula	INK MARKING	Hexamo, Watt Spotter, Rimaco Gen. Formula	SHELLAC	Alcohol
COFFEE	Water, Tergit, Rimaco Gen. Formula, Water	IODINE	Iodine, Hot "Hypo" Solution, Hot-dilute Ammonia or Iodine, Hot Rimaco Gen. Formula	SHOE POLISH	Hexamo, Watt Spotter, Rimaco Gen. Formula, Sulphogen pp, White
COLLODION	Pee-Vee	LACQUER	Pee-Vee	SILVER NITRATE	Iodine, "Hypo", Dilute Ammonia
COOKING OILS	Zeotone, Zolvit, Pee-Vee, Hexamo, Watt Spotter	LEATHER STAINS	Water, Watt Spotter, Water, Rimaco Gen. Formula	SMOKE STAINS	Hexamo, Watt Spotter, Rimaco Gen. Formula, Peroxide
CORROSION	Tergit, Water, Rimaco Gen. Formula	LIPSTICK SMUDGE	Hexamo, Soltex, Rimaco Gen. Formula, Pee-Vee	SOFT DRINKS	Water, Tergit, Rimaco Gen. Formula, Water
DYE STAINS	Tergit, Water, Rimaco Gen. Formula, Sulphogen pp, White	LIQUOR	Water, Tergit, Rimaco Gen. Formula, Peroxide	TANNIN TEA TOBACCO	Water, Tergit, Rimaco Gen. Formula, Water, Peroxide
EGG	Water, Tergit, Digestit, Water	MASCARA	Zeotone, Zolvit, Tergit, Rimaco Gen. Formula	WAX	Hexamo, Zeotone, Zolvit, Watt Spotter, Pee-Vee
FOOD STAINS	Water, Tergit, Water, Rimaco Gen. Formula	MEDICINE STAINS	Water, Tergit, Rimaco Gen. Formula	WINE	Water, Rimaco Gen. Formula, Sodium Bisulfite

Products and materials recommended are to be used in order given.

NOTE: Water is to be used first when practical as it is the most important of all spotting agents.

The Spotter's experience and instructions on our trade product labels will supply details of application.

When a bleach is necessary, it is safest to bleach by use dilute Hydrogen Peroxide, or a dilute Sodium Bisulfite Solution (1 level teaspoon Bisulfite in 1 pint water). Make fresh and by usual test. Sulphogen, a strong bleach, may be used on white animal or vegetable fibers except weighted silk.

The following are recommended as necessary spotting agents: Water, Tergit, Watt Spotter, Zeotone, Zolvit, Hexamo, Rimaco Gen. Formula, Alcohol, Glacial Acetic Acid, Dilute Acetic Acid, Dilute Ammonia, Hydrogen Peroxide, Sulphogen, Digestit, Rust Remover, Iodine, Sodium Thiosulphate (Hypo), Sodium Bisulphite.

REMEMBER! No spotting material or even cleaning solvent is safe to all colors. The reputable manufacturer makes prepared products as safe as possible. Take necessary precautions to avoid claims and loss of good customers.

RIVERSIDE MANUFACTURING CO., 4919 Connecticut Street, St. Louis 9, Mo.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

THESE RELIABLE RIVERSIDE PRODUCTS

. . . are backed by 34 years of successful experience in the manufacture of dry cleaning chemical products exclusively.

SOLTEX . . .

The Low Water—No Pressure — All Purpose Dry Cleaning Detergent

For Cleaning all Textile Materials and Leathers in Petroleum Naphtha

TEXSOL . . .

A No Odor—No Pressure—All Purpose Dry Cleaning Detergent For Use in Petroleum Solvent

Designed for the cleaner who does not add water but, if desirable to add water, TEXSOL can be used in exactly the same manner as our SOLTEX.

CLOROSHEEN (Formerly Syntergent)

A Dry Cleaning Detergent For Use in Chlorinated Solvents

VEE-THREE . . .

Paste Type Dry Cleaning Soap

ZOLVIT . . .

Paint, Oil and Grease Remover

ZOLVIT rinses out completely with cleaning solvent and it is not necessary to rinse immediately following the spotting operation.

HEXAMO . . .

A spotting and prespotting soap compound that RINSES WET OR DRY. Equally effective with naphtha or chlorinated solvents.

WETT SPOTT-ERR (Riverside)

A paint, oil and grease remover that rinses out with water.

ZEETONE . . .

A wide range dry solvent compound. Evaporates quickly, leaving no odor or residue. Feathers out easily, reducing runovers.

PEE-VEE . . .

A CONCENTRATED lacquer remover which gives faster action and removal than spotting soap compounds containing lacquer solvents. Evaporates completely, leaving no odor or residue.

TERGIT . . .

A neutral lubricant detergent for general steam or water spotting.

DIGESTIT . . .

A concentrated digestive agent that makes stains containing albumin, protein, casein and starch, readily soluble in water.

R. G. F. (Riverside General Formula)

An Ink and General Stain Remover

Is harmless to all natural fibers, acetate and regenerated rayon; also safe to most colors.

RIMACO SIZE...

A clear liquid that mixes instantly with water for resizing all classes of materials. Leaves no odor, does not discolor or sour.

HEXITE . . .

A liquid potash wet cleaning soap with chemical value added. Suds freely in cold hard water, eliminates curd and rinses easily. Will leave no odor.

CARPET SHAMPOO . . .

Same packaging as HEXITE

STRIPPER (Riverside)

A concentrated stripper that works in a copper kettle without corrosion, practically odorless, rinses freely. Is used without acid.

SULPHOGEN . . .

For spotting, removing run colors, stripping and bleaching. Highly efficient for removing fruit, color, wine, coffee, perfume and perspiration stains from white materials.

HYDROL (Concentrated)

Hydrol was the first commercial prespotter. Now concentrated and used: 1 pint Hydrol, 1 pint Solvent and 1 pint water. Also used with more water for general dry cleaning.

R.L.D. (Riverside Leather Dressing)

Is a soft uncolored paste used to soften, restore color and lend finish to SMOOTH LEATHER. Avoids retinting in many cases.

RIVERSIDE **MANUFACTURING CO.**

4919-27 CONNECTICUT, ST. LOUIS 9, MO.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

54,000,000 GARMENTS RECEIVED THIS "ONE-DROP" PROTECTION LAST YEAR!

Yes, last year licensees throughout the nation rang up a total of over 54 million garments protected against moth damage the *insured* U-SAN-O way.

Dry cleaners everywhere reported "sales are going up, up, UP!" . . . our regular customers keep coming back . . . new customers keep coming in. Adding the U-SAN-O "salesman" to their business gives them the plus that means more sales! With U-SAN-O, they advertise "all garments cleaned by us are mothproofed at no extra cost to you . . . your garments are actually insured against moth damage for six months!"

The customer demand for U-SAN-O insured mothproofing will be greater than ever in 1950 . . . don't let your customers go elsewhere for this valuable service—decide today to get your share of the business by offering the profitable U-SAN-O service to customers. Noel C. Schulte, General Sales Manager, will see you at the N.I.C.D. Convention, March 12-15 incl. in the American Mothproofing Co.'s U-SAN-O Booth 2574 on the Navy Pier, Chicago, Ill. Order from your favorite distributor or write direct to:

U-SAN-O INSURED MOTHPROOF CLEANING SYSTEM

APPLIED IN THE WHEEL

Fully protected by United States and Canadian patents.

AMERICAN MOTHPROOFING COMPANY

711 NORTH EUCLID AVENUE, ST. LOUIS, MISSOURI

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Check your needs from this great line-up of Cissell Equipment

SPEEDS PRODUCTION! IMPROVES QUALITY! SAVES MONEY!

It's wonderful!

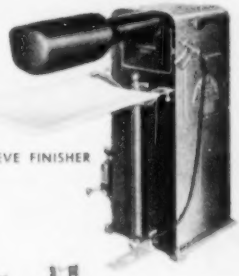
THE CISSELL PRE-SPOTTING UNIT

Amazing One-Gun Method

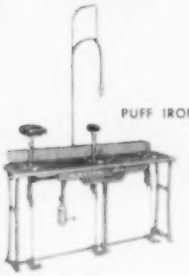
One gun does it! Foot pedal releases steam. Thumb control releases pre-spotting solution. Cuts wet-cleaning and re-cleaning to a minimum. Eliminates feathering, sizing rings, discoloration.

GARMENT FINISHER

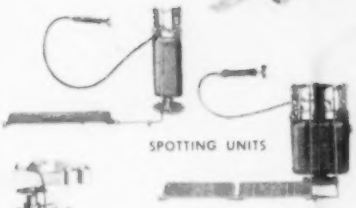
STEAM-FINISHING BOARD



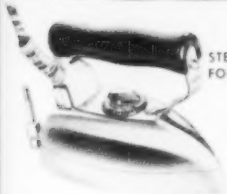
SLEEVE FINISHER



PUFF IRONS



SPOTTING UNITS



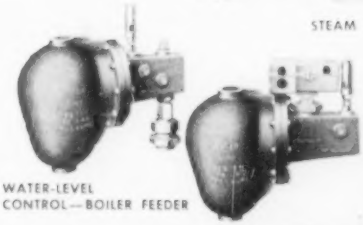
STEAM-ELECTRIC IRON—FOOT PEDAL CONTROL

STEAM-ELECTRIC IRON WITH WATER-SPRAY GUN—FOOT PEDAL CONTROL

VACUUM SPOTTING BOARD

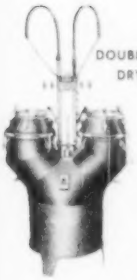
STEAM SPOTTING BOARD

STEAM-ELECTRIC IRON—THUMB CONTROL



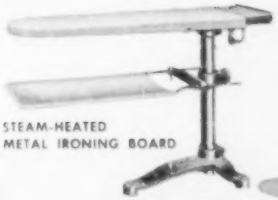
WATER-LEVEL CONTROL—BOILER FEEDER

WATER-SPRAY GUNS



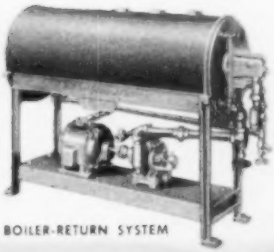
DOUBLE GARMENT DRYER

STEAM-ELECTRIC IRON WITH WATER-SPRAY GUN—THUMB CONTROL



STEAM-HEATED METAL IRONING BOARD

CUFF BRUSHER



BOILER-RETURN SYSTEM

CISSELL

Consult Your Jobber

W. M. CISSELL MANUFACTURING CO., INC.

831 S. First St., P.O. Box 1143—Louisville, Ky

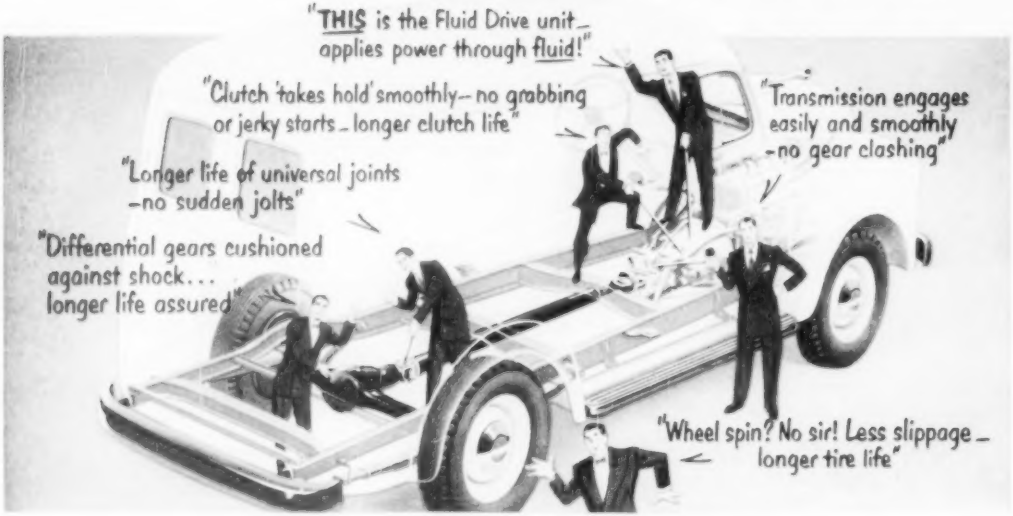
Pacific Coast Office—6823 W. Jefferson Blvd., Los Angeles

Foreign Distributors. Address Correspondence Attention Export Dept. Cable Code CISSELL

Brand NEW! Another Dodge First!

FLUID DRIVE...for TRUCKS

Greater smoothness...longer life!



WHEN YOU START

Your truck moves forward *smoothly*. With Fluid Drive, there's no grabbing of clutch—no jerky starts. Smooth application of power is easy on all moving parts . . . transmission through power line to rear axle gears and tires. Result: Long life; low upkeep.

WHEN YOU STOP

Forget the clutch pedal! Simply apply the brakes when you slow down or stop. Your *engine* won't stall. When you start again, shift into gear . . . step on it . . . for the easiest, smoothest driving you have ever known. *Easy* on your truck . . . easy on driver.

ON SLIPPERY ROADS

In snow or slush, on ice or in mud, rear wheels "take hold" firmly. The tendency to spin or skid is greatly reduced. Fluid Drive saves time, increases safety.

One of the great engineering achievements of all time is now available on trucks.

The *achievement* is gyrol FLUID DRIVE. The *trucks* are Dodge "*Job-Rated*" ½-ton, ¾-ton and 1-ton models.

Smooth operation . . . nothing like it in other trucks . . . can *now* be yours. Why? Because power is transmitted by fluid—*not* by a rigid mechanical connection.

New truck economy—another result of FLUID DRIVE'S *cushioned* operation—means big savings to you: 1. In reduced wear of vital parts. . . . 2. In lower service expense. . . . 3. In more mileage from tires. . . . 4. In *longer* truck life!

Note in the illustration above how gyrol Fluid Drive *works* for you. Read, at left, what Fluid Drive *does* for you.

See your Dodge dealer. Ask him to demonstrate a FLUID DRIVE Dodge "*Job-Rated*" truck. *Feel the difference* . . . the *smooth power* of Fluid Drive; the amazing *ease of shifting*.

Remember—the many advantages of gyrol Fluid Drive are available *only* on Dodge "*Job-Rated*" trucks.

For low-cost transportation...switch to

DODGE "Job-Rated" TRUCKS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

COME TO

HEADQUARTERS

for RUG, CARPET & UPHOLSTERY SHAMPOOING EQUIPMENT

HILD System
RUG, CARPET AND UPHOLSTERY CLEANING EQUIPMENT & SUPPLIES

HILD Portable Tank Type Shampoo Machine

Equipped with portable solution storage tank on handle for shampooing rugs by the HILD "Quick-dry" Method, for shampooing tacked-down carpeting "on-the-spot."

HILD Plant Type Shampoo Machine

The feed-pipe connects through one hose to the overhead soap storage tank, and through the other hose to the rinse water supply. A two-way rock in the handle keeps shampoo solution and rinse water constantly "on tap."

HILD Combination Shampoo Machine

Fitted with both feed-pipe and portable solution storage tank for both plant work and on-the-spot carpet shampooing.

Many a leading cleaner has developed rug, carpet and upholstery shampooing into a large-volume, big-profit business. It's an up-and-coming business that you can sell to all your present customers . . . and to thousands of new customers right in your community. Only a small investment is needed to get you started. HILD helps you get plenty of business right from the beginning with a complete assortment of sales and advertising aids. Get the facts! Check and mail the coupon today!

HILD Upholstery Shampoo Machine

There's a big, pent-up demand for upholstery shampooing . . . and here is the machine that will enable you to get this work and make big profits with it. The HILD Upholstery Shampoo Machine feeds cleaning solution under air pressure through a hand Shower-feed brush. Upholstery comes cleaner, there's no waste of shampoo solution, and the work is done faster. Being easily portable, this machine enables you to shampoo upholstery right in your customer's home. You'll get highest prices, too, because this machine is really efficient . . . and looks it! Check the coupon for complete information.

HILD All-Purpose Portable Vacuum

This powerful vacuum machine is used in shampooing both upholstery and rugs or carpeting. Without adjustment or change of parts, this machine may be used for either wet or dry pick-up work. It serves for both dry vacuuming as well as for suctioning out dirty suds and water after shampooing. Being easily portable, it can be readily used for "on-location" work. Check the coupon for detailed information.

HILD Rug & Carpet Shampoo Machines

Here are the machines which have helped so many leading rug and carpet cleaners establish a reputation for outstanding quality workmanship. HILD Shampoo machines are made in the three styles illustrated and in various models with brush spreads of 14 in., 16 in., and 19 in. All of them employ the famous HILD Shower-feed Brush (U. S. Patent 2039963) which accounts for their remarkable efficiency. The diagram explains how it works. Shampoo solution is fed to the back of the brush, then passes through numerous holes penetrating the brush back between each row of bristles. The spray-like flow of solution is instantly whipped up by the bristles and reaches the rug or carpet pile in the form of rich, cleansing lather. Every drop of solution is put to work for faster, more uniform cleaning without waste.

HILD FLOOR MACHINE CO.
740 W. Washington Blvd., Chicago 6, Ill.

Gentlemen: Without cost or obligation on my part, please send complete information regarding:

☐ Shampooing tacked-down carpeting "on-the-spot"
☐ Shampooing rugs ☐ Shampooing Upholstery
☐ HILD Portable All-purpose Vacuum Machine

Name.....

Address.....

City..... State..... NC-2

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Fast powerful acting-safe

DC FILTROL
FIRST CHOICE BECAUSE

1. *It entirely replaces filter-aid powders by fulfilling their job and more too.*
2. *It purifies the solvent during the cleaning cycle — while the garments are in the wheel.*
3. *It reduces filter-scraping up to one-half.*
4. *It lessens the number of wet-washing jobs and minimizes spotting.*

*T. M. Reg. U.S. Pat. Off.

DC FILTROL* cleans solvents

quicker . . . Used solvents are made fresh and sparkling clear. Fatty acids, color compounds, odors, and other unsaturates are quickly removed. With DC Filtrol, drycleaners are cutting distillation and filtration time in half.

FILTROL CORPORATION

634 South Spring Street • Los Angeles 14, California

PLANTS: Vernon, California and Jackson, Mississippi

MORE DRYCLEANERS USE DC FILTROL TODAY THAN EVER BEFORE

DC FILTROL*

Meet us in Chicago, booth #614 at the N.I.C.D. Convention

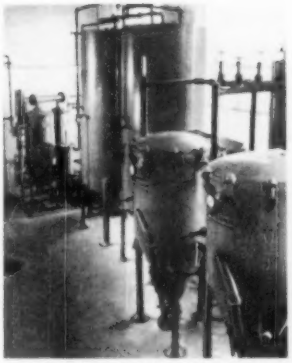
When writing to advertisers please mention The NATIONAL CLEANER & DYER

FRONT PAGE NEWS!

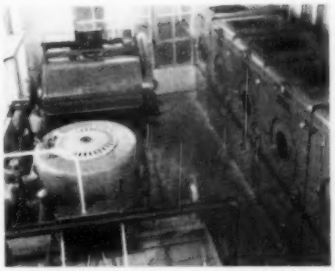
Max Lewis of Houston Says:

"... to improve the quality of the work
... to increase the capacity of the plant
we replaced all our machinery with

GROSS EQUIPMENT"*



A corner of Public Laundries modernized cleaning department showing installations of Gross filters, storage tanks and still.



Two Gross dry cleaning washers, five Gross tumblers and extractor form the heart of Public Laundries dry cleaning department.

Here are the men who make Public Laundries go. Left to right: E. C. Roberts, R. E. Strong, H. L. Fox, Max Lewis, owner and manager, Earl Collins, E. A. McKenzie, and Chas. Reuls.

Thanks, Mr. Lewis, and congratulations for your far-sighted approach to TURNING GROSS INTO NET!

Get the profitable story of GROSS equipment—write us today.

* From the cover and feature story of the October issue of the "Texas Laundry & Cleaning Journal."

Founded 1923

GROSS MACHINERY COMPANY, Inc.

Originators and Manufacturers of the World's Finest Cleaning Equipment

179 HALBERT ST. BUFFALO, 14, N. Y.

CORRESPONDENCE INVITED FROM FOREIGN FIRMS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Three Answers . . . .

TO YOUR SPOTTING PROBLEMS

(To remove ink, paint, rust, blood, iodine, food and albumin stains)

SOLVINK

Removes INK, RUST, PAINT and BLOOD stains quickly and safely. No harm to fabric or color. The real answer to your spotting problems. SOLVINK is guaranteed safe on white or colored fabrics.

½ pint set—2 solutions—$2.25
(Available in pts., qts., gals.)

GREENZYME

Inexpensive and time-saving, Greenzyme removes food and albumin stains—use in a bath solution only for large area stains. Dissolves rapidly, making a potent bath solution.

$3.95 Per Pound in case lots

TANSOL

Guaranteed to remove such Tannic Acid stains as coffee, teas, cola beverages, wine, fruit, caramel, and other sweets, regardless of how much set by heat. Safe on any fabric—white or colored.

½ pint set— 2 solutions—$2.25
(Available in pts., qts., gals.)

ORDER FROM YOUR JOBBER TODAY!

Clip Coupon for Free Sample

Greenville Chemical Company, Dept. 2N, Greenville, S. C.

Please send sample of (check) TANSOL SOLVINK GREENZYME

Name

Address

City State

GUARANTEE

Your full purchase price refunded if you are not completely satisfied with our products after following the simple directions.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

IT TOOK 20 YEARS TO BUILD ITS *reputation*

Folks may have been a bit skeptical about a Sellers Immersion Steam Boiler twenty years ago. But it's a different story today. The Sellers system of Immersion Firing has proved itself in hundreds of installations. With nationwide acceptance and enthusiastic endorsement in laundries and drycleaning establishments, it has a reputation that is hard to equal.

FOR EFFICIENCY

There's no heat loss in a Sellers Immersion Steam Boiler. The gas-fired tubes are completely submerged. Heat has only one place to go . . . into the water. Furthermore, scale can't build up. It's continually cracked off as tubes expand and contract. There's nothing to interfere with continued high efficiency.

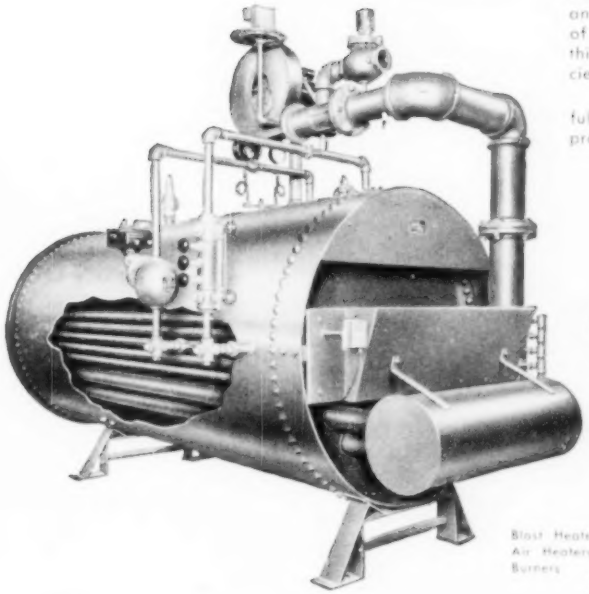
FOR SAFETY

The well known hazards of a closed combustion chamber are eliminated in this unit. The Sellers system of Immersion Firing makes complete enclosure of burners unnecessary.

FOR ECONOMY

There's no water line corrosion . . . you get fast steaming and dry steam . . . and the low water line simplifies direct return of condensate without traps or pumps. Everything about a Sellers adds up to maximum efficiency.

Our Bulletin No. 1206-C contains full details about the 12 sizes available for prompt delivery. Write for your free copy today.



Sellers

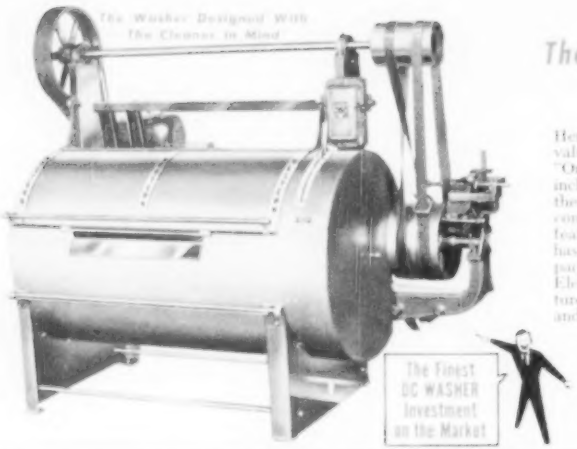
IMMERSION STEAM BOILER

SELLERS ENGINEERING COMPANY

4876 N. Clark St. • Chicago 40, Illinois

Blast Heaters • Immersion Automatic Water Heaters • Air Heaters • Combustion Units • Industrial Gas Burners • Immersion Tank Heaters • Vertical Steam Boilers • Gas Combustion Equipment

When writing to advertisers please mention The NATIONAL CLEANER & DYER



The All Modern WESTERN Model-500

Here is Western's most outstanding washer value. The Western Model 500 features "One Station Control" which eliminates inching the cylinder manually. In addition, the Model 500 offers exceptionally sturdy construction and many long life operating features. For instance, the outboard bearing has a special Neoprene seal that eliminates packing, tightening or other adjustment. Electro-therm welded construction is featured throughout. Explosion-proof motor and all necessary devices are included. Modern all metal cylinder offers smooth working opposed sliding doors. 5 sizes, 3 types of drives are available. 30 x 36, 30 x 48, and 36 x 54 in end header, belted motor drive or direct motor drive.

NOW! Western Offers 24 MODELS
3 Price Ranges in Dry Cleaning Washers

The Most Complete Selection of Dry Cleaning Washers on the Market

The new complete Western Dry Cleaning Washer line is ready. Thoroughly field tested and proved, Western now can offer any plant, anywhere, the size and type machine their operating and budget requirements call for. The newly designed models are completely modern, thoroughly engineered and precision made. Model for model, price for price, compare how much more construction detail, performance, and features Western now offers for the money.

Write today, be sure and get the full details on Western — the only name that offers you a fully complete dry cleaning washer line.

Western Laundry Machinery Co.

NORTH KANSAS CITY, MO
ST. LOUIS, MO

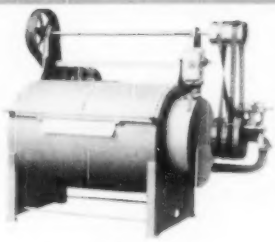
Western Laundry Machinery Co.
330 East 10th Avenue
North Kansas City, Missouri

Sirs: Please send me complete information on the washers I have checked. ☐ *Western M-50* ☐ *Western M-130* ☐ *Western M-500*

*Name*_____

*Address*_____

*City*_____ *State*_____



In the Medium Price Range

WESTERN Model-50

Rugged, modern and dependable, the Model-50 offers many features of the Model-500. 3 sizes, 3 types of drives.

In the Low Price Range

WESTERN M-130

An economical washer to buy—and economical to use. In 2 sizes: 30 x 36, 36 x 54.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Build CUSTOMER GOOD WILL

THRU HIGHEST QUALITY WORK!

THESE TIME TESTED PRODUCTS HELP SOLVE MANY OF YOUR TOUGHEST PROBLEMS

SANA-FILTER — Cleans thoroughly with only a ten-minute soap run. Reduces spotting . . . . will not build filter pressure. Filter-type soap, used with or without moisture. A real volume builder.

SOL-U-SOAP — Moisture carrying soap that disperses through washer solvent. Will not build filter pressure. It forms a stable emulsion in stock solution, makes an effective, economical dry cleaning soap.

TEXTURE-SAN — Renews shape, style and resilience of fabrics. It adds body, protects against stains, resists moisture. The Texturizing Process† is easily merchandised. Ask about Texture-San.

MOTH-SAN* — Cleans and Moth Proofs woolens in one operation. Now you can offer your customers INSURED, Moth-Proofed cleaning at no extra cost. Requires no added equipment or labor. A real sales builder.

SPOT-A — Quickly removes perspiration, food, paint, grease and many other stains. Safe for all fabrics and colors. A highly concentrated solvent-soluble pre-spotter that is useful with any solvent.

ENZO-SAN — Especially made for removal of protein and starch stains. Removes sizings before re-dyeing. Spots quickly and efficiently — a powdered digester that won't harm fabrics. Removes blood stains.

BLOD-X* — Eradicates toughest blood, albumin and starch stains. A concentrated liquid enzyme effective on most moisture soluble stains. Economical . . . . eliminates rerunning since it rinses free with water.

SOL-U-KEEL* — A wet or dry spotter for quick removal of lipstick or nail polish, etc. Speeds production by cutting down reruns and wet cleaning jobs. Flushes out, leaves no odor.

SANA-SIZE — Sizes garments, restoring body and drape . . . . leaves cleaned fabrics light and flexible. A water soluble liquid sizing that forms a transparent elastic film around each fabric fibre.

FUR-O-SAN — A high quality soap for finest fabrics. Cleans exceptionally well, reduces spotting and rerunning . . . . excellent for use on light colored garments. It is a semi-paste ammoniated, filter-type soap.

*Ⓡ †Registered U. S. Patent Office

WRITE FOR CATALOG

HUNTINGTON

HUNTINGTON LABORATORIES, INC.
HUNTINGTON, INDIANA • TORONTO

LET YOUR HUNTINGTON REPRESENTATIVE HELP SOLVE YOUR PROBLEMS

YES. ☐ Send me your new catalogue of Huntington Dry Cleaning Products. ☐ Tell Huntington representative to call on me soon.

NAME

ADDRESS

CITY STATE

When writing to advertisers please mention The NATIONAL CLEANER & DYER

NEW! SOAP DISPENSER

SAVES TIME!

SAVES SOAP!

SAVES MONEY!

Here is the soap dispenser you've been waiting for . . . one that can be used with *any* kind or *any* mixture of soap. Hopkins has it. You can get it.

Check these features: Automatic, push button operation. You can SEE each operation. Simple, inexpensive installation. Takes little floor space. Pre-mixes soap with solvent. SPRAYS mixture into any selected washer. SPRAY assures even distribution of mixture, better cleaning.

Write today for new bulletin giving full details on this new Hopkins money-maker.

A "MASTER" Hopkins ENGINEERED PRODUCT

HOPKINS EQUIPMENT COMPANY · HATFIELD, PENNA.

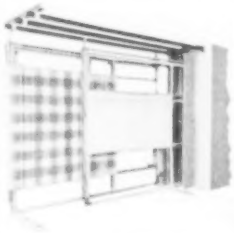
BLANKETMASTER
Blanket Washing Machine
eliminates shrinkage

HOPKINS ATOMIZER
The "Spotters' Friend"

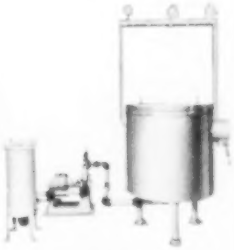
ADJUSTIT
Garment Hanger
"World's Most Popular"

CUSTOM
Shoulder Finisher
Restores original shape

DRYMASTER
Insulated Drying Cabinets
For Drying—Deodorizing



SQUAREWAY
Curtain and Blanket
Stretcher



HOPKINS FILTER
Horizontal, bag-type

ZIP
Curtain Finisher
For Celanese

When writing to advertisers please mention The NATIONAL CLEANER & DYER

CLEANING QUALITY GOES UP!

WHEN YOU USE **DU PONT**

"OVALCLENE"®

Dry Cleaning Detergent

FOR SYNTHETIC OR PETROLEUM UNITS

FOR EXTRA cleaning quality to meet customer demands and build sales, look to Du Pont "Ovalclene." This new detergent, developed by Du Pont research, and already in wide use, is used in either synthetic or petroleum units. The combined cleaning action of solvent and "Ovalclene" brings whiter whites, sharpens bright colors, restores original lustre and feel. Use of "Ovalclene" results in fewer re-runs, easier finishing, easier spot removal. "Ovalclene" is easy to use. And very little is needed to produce exceptional cleaning action. Try "Ovalclene" NOW! It's efficient—economical. For further data on Du Pont "Ovalclene," and technical advice and assistance in its application, just fill out and mail the coupon below.

Choose the Du Pont "CAVALCADE OF AMERICA" Tuesday Nights—NBC coast to coast

CLIP THIS COUPON . . . MAIL TODAY!

DU PONT PRODUCTS FOR *better* DRY CLEANING

DU PONT

REG. U.S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING . . . *THROUGH CHEMISTRY*

E. I. du Pont de Nemours & Co. (Inc.)
Electrochemicals Department, Wilmington 98, Del.

Please send facts on Du Pont "Ovalclene" dry cleaning detergent. Also send the name of your nearest distributor. We operate a _____ cleaning machine.

Name _____

Firm _____ Title _____

Address _____

For a highly efficient, nonflammable synthetic solvent use Du Pont

"PERCLENE"

Perchlorethylene

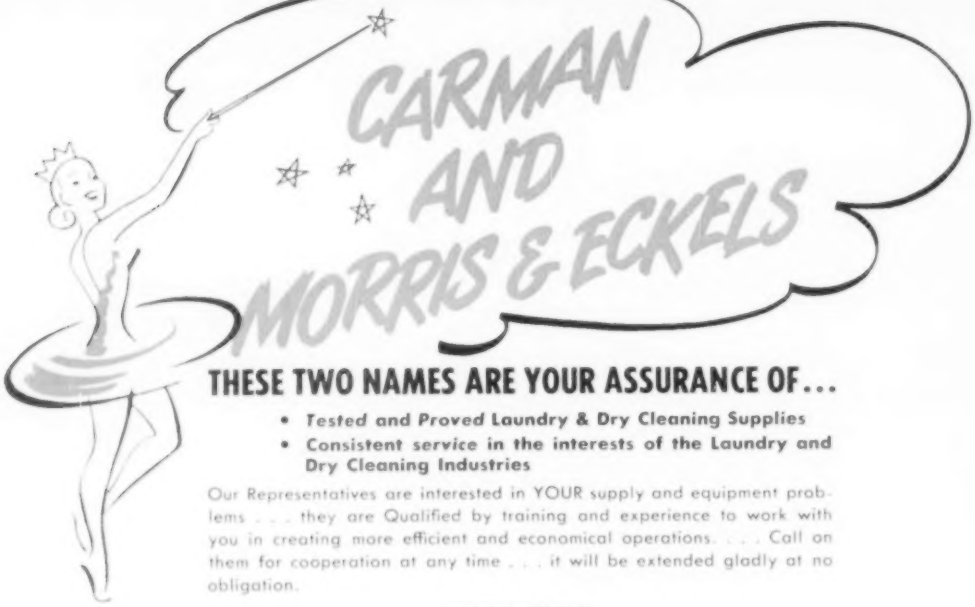
In wide use for many years, Du Pont "Perclene" perchlorethylene is the solvent with ideal properties for modern dry cleaning. It thoroughly removes soil, dirt, grease, oil and tar from all materials—brings out brightness and original feel. And "Perclene" is nonflammable, leaves no odor and won't cause shrinkage or damage clothes. "Perclene" gives rapid cleaning . . . permits quicker delivery to the customer.

TECHNICAL SERVICE

A call to your Du Pont Solvent Distributor will bring prompt, practical advice from experienced men who know cleaning materials and equipment. You can have field tests made in your plant for quicker answers to operating problems.

You'll get skilled assistance from Du Pont technical representatives. And when needed, the facilities of Du Pont research and technical laboratories are available.

When writing to advertisers please mention The NATIONAL CLEANER & DYER



THESE TWO NAMES ARE YOUR ASSURANCE OF...

- ***Tested and Proved* Laundry & Dry Cleaning Supplies**
- **Consistent *service* in the interests of the Laundry and Dry Cleaning Industries**

Our Representatives are interested in YOUR supply and equipment problems . . . they are Qualified by training and experience to work with you in creating more efficient and economical operations. . . . Call on them for cooperation at any time . . . it will be extended gladly at no obligation.

LAUNDRY SUPPLIES

ANTISEPTIN—*The Safe and Certain Laundry Bactericide*

ALKALIS—Ponsol; Metso; Metso 99; Cowles Detergents; Prosperity Blue Label and Red Label Sodas; Soda Ash; Caustic Soda.
APRONS FOR IRONERS—Carman's Prosperity Apron Ducks in customary widths and weights—look for the purple stripe.
BLEACH—Sodium Hypochlorite; Perchloron; Pinazone; Chloride of Lime.
BLUES—Carman's Prosperity Blues—complete line; Erusta Blues; Extreme Blues.
COVER CLOTH AND DUCK—Carman's Prosperity Line; Oriole Coverings (medium weight); Prosperity Cover Duck (heavy weight); in widths to fit any ironer—look for the purple stripe.
FLANNELS—Carco Felts—54" x 72"; Carvel Nylon Blanket Felts; Ready-made press flannels.
HAMPERS—the famous "Lane" and "Mosse" lines—all styles and sizes, with or without casters.
NETS—Cotton Carmonets; Nylon Nets. All sizes and colors.
PADDING—Red Edge Knitted Cotton Padding; Resillo Steel Wool Pads for Presses. Cut and Bound Press Pads.
PRESS COVERS—"Tailor-Made" Cotton and Nylon Covers.
SOAPS—Procter and Gamble's complete line; Ivory Powder and Flakes; Amber Powder and Flakes; Saratoga; Brex; Orvus Paste; Ozonite and Cold Water Ozonite; Calico.
SOURS—Carco Sours; Carcobrite, Extra, Special, Carcoside, Carco DC; Erusta Sours, Special and Regular; Erustocide. A complete line of "safe-to-fabric" sours.
STAIN REMOVERS—Carman's Carco Line; Oil-Go; Yellow Specific; Clear-O; Colod; Davies-Young; Erusta; Street; Wilson.
STARCH—Keever's Satinette and Wheat-n-corn; Huron's Velvet Rainbow and Whiotex. Other brands for special purposes.

DRY CLEANING SUPPLIES

BRUSHES—Tag Line Spotting, Scrub, Velvet, Cording and Napping; Others.
BUTTONS—Tailor's Plain and Mottled—Suit, Vest, Overcoat, Pants and Shirt.
CHEMICALS—A complete line of high quality products for every purpose.
DYES—American Aniline—Union, Colamco, Neutral, Direct, Acid.
FILTER AIDS—DC Filtral; Hyflo Supercel; Chlor-o-Cel; Darco; Floboite.
GARMENT BAGS—Plain or Printed; Moth-Seal & Sanitex Storage; Mohl Cellophane and Plastic Bags.
HANGERS—Carco Wire; Waldorf Hang-Rite; Neverslip Tie Hangers and Bags.
PAPER SPECIALTIES—Trouser Guards; Tissue; Hanger Shields and Protectors.
SOAPS & SPOTTERS—Carco Specialties; Colod; Davies-Young; Erusta; Street; Others.
SOLVENT—Dow Synthetic—Dowclone; Perchlorethylene; Carbon Tet.

RUG CLEANING SUPPLIES

CARCOSUDS RUG & UPHOLSTERY SHAMPOO
STRIPPERS—STAIN REMOVERS
DETERGENTS
DUODEX CARPET ANTISEPTIC
SIZINGS—RUG SEALER
SOLVENTS

MECHANICAL SPECIALTIES

DINKS SPRAYING EQUIPMENT
DINHOP LAUNDRY & CLEANING EQUIPMENT
DOLK EXTRACTORS
GINNELL IRONS AND FINISHING UNITS
DRYCO IRONS AND APPLIANCES
EXCELSIOR EQUIPMENT
GLOVER SPECIALTY EQUIPMENT
HOPKINS CURTAIN STRETCHERS
HUEBSCH TUMBLERS AND DRYERS
KEY TAG IDENTIFICATION SYSTEMS
M-H TUMBLER TEMPERATURE CONTROLS
PELLERIN EXTRACTORS
RESILLO STANDARD & PERFEX PADS
ROSENTHAL LAUNDRY SPECIALTIES
SCHAUB BOILER RETURN SYSTEMS
SMITH SPECIALTY EQUIPMENT
TEXTAG LOT SYSTEM OF PRODUCTION CONTROL
VALETOR PUFFERS AND FINISHERS
CARMAN FUR CLEANING EQUIPMENT

THE MORRIS & ECKELS CO.

A Wholly Owned Subsidiary

WE MEET EVERY REQUIREMENT FOR LAUNDRY, RUG CLEANING, AND DRY CLEANING EQUIPMENT AND SUPPLIES WITH PRODUCTS DEVELOPED BY OURSELVES OR WITH PROVED LEADERS PRODUCED BY FOREMOST MANUFACTURERS.

Executive Office:

CARMAN & CO., INC.

629 West 27th Street, New York 1, N. Y.

ATLANTA · BALTIMORE · BIRMINGHAM · BOSTON · BUFFALO · CHARLOTTE · CHICAGO · CINCINNATI · CLEVELAND · DENVER · FORT WORTH · GREENSBORO · HOUSTON · JACKSONVILLE · KANSAS CITY · MIAMI · MINNEAPOLIS · NORFOLK · OMAHA · PHILADELPHIA · PITTSBURGH · ROCHESTER · ROCK ISLAND · ST. LOUIS · SAN ANTONIO · SYRACUSE · TAMPA · TULSA · WASHINGTON · WICHITA

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Check THESE HUEBSCH ADVANTAGES

Before Buying Laundry or Dry Cleaning Equipment

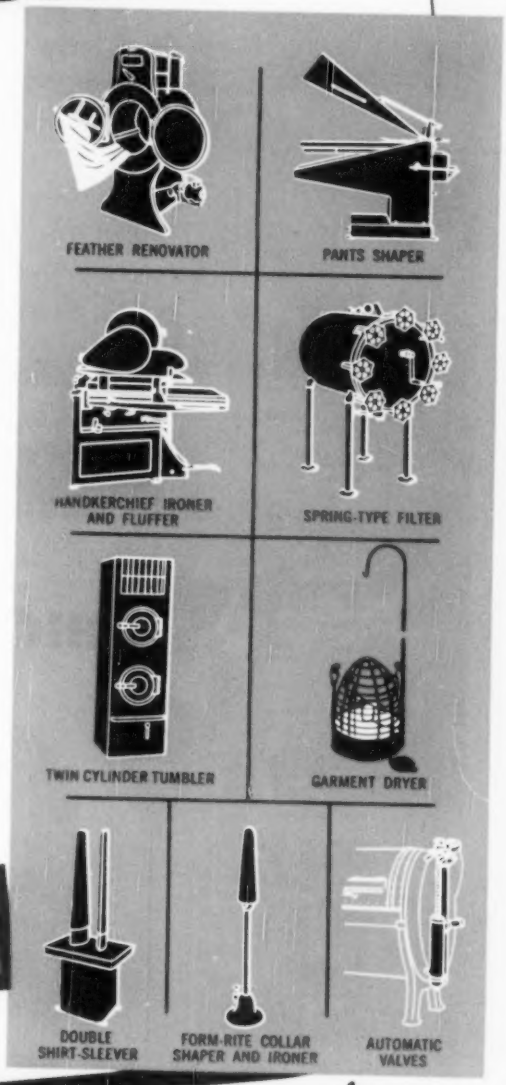
- ✓ PROVED DEPENDABILITY
- ✓ LOW INITIAL COST
- ✓ LABOR SAVING OPERATION
- ✓ LONG RUN ECONOMY

You get more from Huebsch equipment . . . greater production at lower cost.

Everywhere, Huebsch *proved* performance . . . and Huebsch *well-known* acceptance . . . make Huebsch the wanted equipment.

Get all the money-saving, money-making facts. Ask your local Huebsch representative for free literature and details or write, wire, or phone us direct.

More than
70,000
HUEBSCH TUMBLERS
Now in Daily Use



HUEBSCH *Originators*

HUEBSCH MANUFACTURING COMPANY • 3775 North Holton Street, Milwaukee 1, Wisconsin

See for yourself!

PROVEN PERFORMANCE

Visit these leading cleaners in the Chicago area and see the economies effected by Washex operation:

Northside Cleaners
5427 North Broadway
Chicago, Ill.
(2—300 lb.)

Ruby Cleaners
2807 W. Montrose Ave.
Chicago, Ill.
(2—500 lb.; 3—300 lb.
1—200 lb.)

South End Cleaners
2427 S. Cottage Grove
Chicago, Ill.
(1—300 lb.)

Forest View Cleaners
6546 Milwaukee Ave.
Chicago, Ill.
(3—300 lb.)

Artistic Cleaners
741 South Cicero Ve.
Chicago, Ill.
(1—500 lb.)

Illinois Cleaners
315 E. Main Street
St. Charles, Ill.
(1—200 lb.; 1—300 lb.)

Shoreline Cleaners
1219 Washington Ave.
Wilmette, Ill.
(1—200 lb.; 1—300 lb.)

Woodlawn Cleaners
2215 East 75th St.
Chicago, Ill.
(2—300 lb.)

Arlson Cleaners
2239 Roscoe St.
Chicago, Ill.
(2—300 lb.)

Delaney Heald Co.
7159 Stony Island Ave.
Chicago, Ill.
(1—200 lb.; 1—300 lb.)

Lakeside Cleaners
321 West 26th St.
Chicago, Ill.
(2—200 lb.)

David's Cleaners
31 West 5th Ave.
Gary, Ind.
(1—200 lb.)

THERE'S A WASHEX FOR EVERY SIZE PLANT

Write Dept. NC for free Washex booklet

- **Cut labor costs more than 50%**
- **Simplify the cleaning process**
- **Save solvent**

with

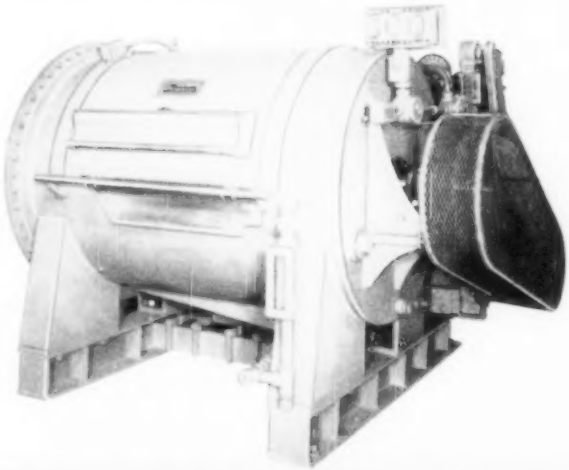
WASHEX

COMBINATION WASHER-EXTRACTOR

•

See the *WASHEX* at the

CHICAGO CONVENTION



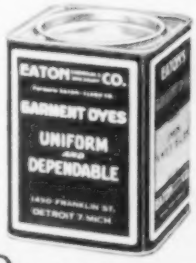
FABRIC LAUNDRY AND DRY CLEANING MACHINERY CORP.
192 Banker Street **Brooklyn, N. Y.**

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Uniformity is one of the outstanding qualities of EATON'S DYES. This uniformity, coupled with the bright true colors of EATON'S DYES, enables the dyer to bring new life and freshness to garments which have become dull and faded. With EATON'S DYES discarded clothing can be returned to usefulness with its original charm and beauty restored.

A constant study of colors and their effects is conducted by our research laboratories, and we pass along our findings for the benefit and general improvement of garment dyeing techniques. You can transform doubters into enthusiastic customers by drawing on this vast store of dyeing knowledge. We welcome inquiries from dyers on the proper methods of dyeing such materials as Cellulose Acetate, Nylon, Cotton, Wool, Silk, and "Aralac" mixtures. We will be glad to furnish complete simplified instructions covering kettle or washer dyeing. Write us about your dyeing problems today.

ECCO DYEPEN—The garment dyer has always had the problem of penetrating tight seams, quilted areas, and textile fibers containing various sizings. ECCO DYEPEN has been produced to overcome this difficulty. This new product aids in the solubility of dye-stuffs in the dye dipper, and then breaks down the surface tension of the dye bath. ECCO DYEPEN is very concentrated, not affected by salt, acids, or alkalies, and is not corrosive when in contact with most metals.



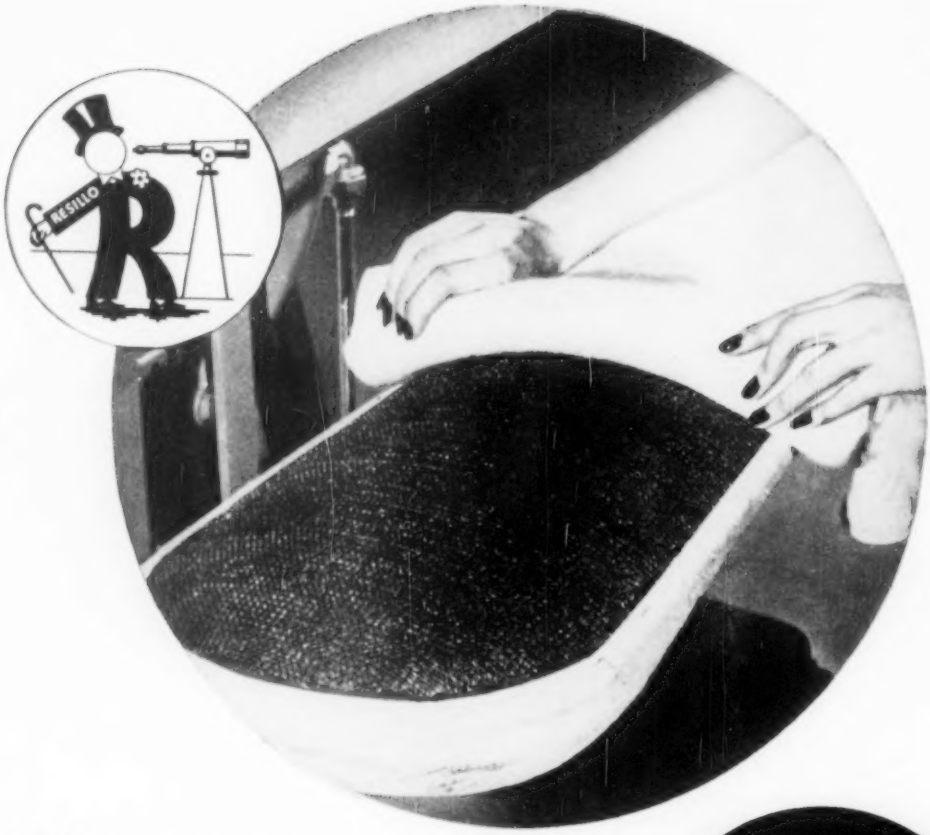
Established in the year 1838

ORDER FROM YOUR DISTRIBUTOR OR WRITE DIRECT

EATON CHEMICAL AND DYESTUFF COMPANY

1490 FRANKLIN ST. • DETROIT 7, MICHIGAN • Canadian Plants: Windsor and Toronto

When writing to advertisers please mention The NATIONAL CLEANER & DYER



LOOK AT YOUR PRESSING MACHINE *Pads*

• The manufacturer of your press recommends that your press be properly padded to obtain maximum efficiency . . . • RESILLO Press Pads are constructed in exact accordance with all pressing machine manufacturer's specifications to accurately fit and to satisfactorily service your machines . . . • If your press pads *are worn and in bad condition* they should be replaced immediately. This will prevent poor pressing quality . . . loss of production and *possible failure of the press.* • RESILLO Press Pads are made of specially processed metal and OUTLAST all ordinary pads . . . Users of RESILLO Press Pads save precious time consumed in making frequent pad changes. • RESILLO Press Pads are porous with open weave construction to assure quicker, stronger, passage of heat. They definitely cut operating costs while increasing production. RESILLO Press Pads *will not pack down or harden.*

Use FLAMONEL . . . Eliminate Frequent COSTLY Replacements!

Resillo FLAMONEL (Monel-Flannel) Pads will free costly, frequent replacement of double faced flannel . . . will provide presses with permanent resilient cushioning when used over a standard Resillo Press Pad. FLAMONEL pads are guaranteed for 6 months. Experience proves that with normal care they will last a year or more. When used on dry cleaning presses, FLAMONEL pads are guaranteed ONE FULL YEAR.

SOLD BY LEADING JOBBERS EVERYWHERE

WORLD'S LARGEST EXCLUSIVE MANUFACTURERS OF METAL

Resillo PRESS PADS

RESILLO COMPANY • 2328 WEST NELSON STREET • CHICAGO 18, ILLINOIS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Slashes pressing time up to 25%

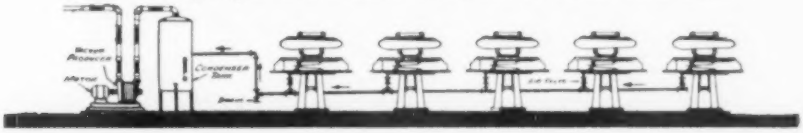
. . . and that's not all!

DRYSET saves 50% boiler steam required for old style steam jet system. Permits adding presses to your present boiler.

And *that's* not all! Dries garments instantly . . . gives better pressing . . . harder creases . . . finished appearance . . . for greater customer satisfaction. Greatly improves working conditions, reduces heat and humidity.

Operators produce up to 25% more.

DRYSET pays for itself within a few months



Easily installed. Made in various sizes to handle from 2 to 250 presses

FOR BIG SAVINGS Mail this coupon TODAY

DRYSET
AIR VACUUM SYSTEM
for steam pressing machines

Allen-Billmyre Division
LAMSON CORPORATION
459 Lamson Street, Syracuse, N. Y.

Please send me your DRYSET Bulletins—free of charge. I have (or shall have) ..... pressing machines.

Name of Company.....

Address.....

City..... Zone..... State.....

When writing to advertisers please mention The NATIONAL CLEANER & DYER

CALGON®

improves quality

A quality booster for

- ★ wet cleaning
- ★ rug and upholstery shampooing
- ★ blanket, curtain and shirt washing
- ★ other specialty laundering

What is Calgon? What does Calgon do?

Calgon is a vitreous sodium phosphate that improves the quality and increases the efficiency of any washing operation. Added to the washing formula, Calgon makes any soap, any detergent, any alkali and any bleach work better under any water conditions—hard or soft. It improves starching . . . it provides an effective sizing in wet cleaning. Calgon keeps equipment clean, too.

How Calgon works

Calgon prevents minerals—in soiled fabrics and in water—from combining with soap or fatty acids, to form insoluble film. Calgon safely dissolves previously deposited lime soap, making active soap of it . . . thus freeing the soil held in the fabric by these deposits. It then helps water rinse both soap and soil away.

When you use Calgon you get—

- Better washing
- Quicker rinsing
- Fewer re-washes
- Less spotting
- Clearer whites
- Brighter colors
- Easier, quicker drying and finishing
- Freedom from soap scum and streaks
- Freedom from odors
- Softer feel
- Better dye penetration
- Uniform, brighter colors in dyeing

CALGON IS SAFE. Anything safe in water is safe in water with Calgon added.

The first reason for Calgon in the washing formula is QUALITY!

calgon, inc.
HAGAN BUILDING, PITTSBURGH 30, PA.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

"You don't need to hire an extra spotter, Mister! I'll do the job for you . . ."

Before you hang out the "spotter wanted" sign, take a look at your filter. You may find the cause of your trouble—and your high costs—right there.

If the flow rate is inadequate, then spots won't come out in your washer—and you are paying for expensive, unnecessary spotting work. The Big Flow of sparkling clear solvent sweeps the dirt out of the washer before it can be redistributed through the load . . . Big Flow Butler Filters give you brighter colors and "whites" that are really white.

Then, too, many cleaners who have installed larger Butler Filters are now turning out several full extra loads per day—and paying for their new filter with their solvent savings and lower production costs. Talk it over with your Butler representative. He can tell you if your present filter is too small.

Visit Butler's Display Booths at the N.I.C.D. Convention, Chicago, Ill., March 12-15. Booth Nos. 351-355 and 551-555 inclusive.

No Solvent Wasting

Little Black Devil

Save $5.10 each cleanout with Butler Filters.* They are equipped with patented Air Cleanout which reclaims valuable solvent from filter muck . . . makes cleanout job easier and faster.

**Test figures will be sent on request.*

BUTLER Big Flow FILTERS

Available in three styles: Monel Metal Screen, Scraper Type; Standard and Cloth Plate. Six capacities from 1000 to 8000 gallons per hour. All equipped with air cleanout.

BUTLER MANUFACTURING COMPANY

7452 E. 13th Street **Kansas City 3, Mo.**

Send complete information on Butler Filters. I am also interested in the following:

- ☐ Garment Presses
- ☐ Vacuum Stills
- ☐ Unithrift Systems
- ☐ Storage Tanks
- ☐ Washers
- ☐ Complete Plant Equipment
- ☐ Drying Cabinets
- ☐ Extractors
- ☐ Tumblers

FIRM NAME _____

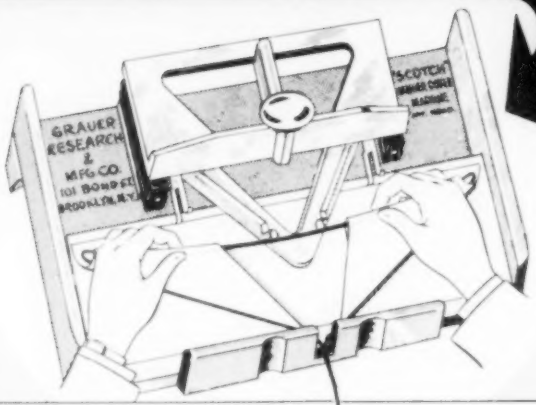
BY _____

ADDRESS _____

CITY _____ *ZONE* ____ *STATE* _____

When writing to advertisers please mention The NATIONAL CLEANER & DYER

NOW! YOU CAN MAKE HANGER COVERS FOR AS LOW AS $1.50 PER M



Amazing... New

SCOTCH HANGER-COVER MACHINE*

- *Easy to Operate*
- *Saves 40% in Cost*

Increase sales and save money at the same time with Scotch Hanger Covers. Hundreds of machines in daily use are cutting costs and selling supplementary services with printed covers. Yes . . . hanger covers for as little as $1.50 per M. Get the facts today.

Check The Exclusive Features of Scotch Hanger Covers

- √ Can't Shift
- √ Fit Tight
- √ Ample Yoke Coverage
- √ Rolled Top Edge
- √ Can't Fall Off
- √ Plain or Printed

Jobbers Inquiries Invited

WRITE FOR COMPLETE DETAILS

*Pat. Pend.

CLEANERS SALES & EQUIPMENT CORP.

201 Washington Street New York 7, N. Y.

BEekman 3-6145

When writing to advertisers please mention The NATIONAL CLEANER & DYER

PUSH-BUTTON

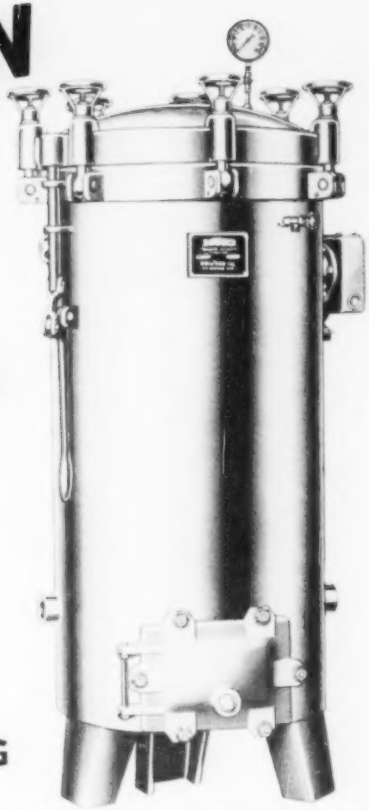
Filter Element

CLEANING

Saves time and money for busy dry cleaning plants

Push the button and YOUR FILTER ELEMENTS ARE CLEANED!

No fuss—no bother—no manual labor!



- ✓ NO SCRAPING
- ✓ NO BACKWASH
- ✓ NO BRUSHING

... BOWSER ...

ROTO-KLEEN

DRY CLEANING FILTER

Gentle, thorough action prevents damage to screens which often results from manual scraping. What was formerly an unpleasant and time-consuming job is now quickly accomplished by motorized action. This fast and efficient Bowser filter for petroleum solvents reduces downtime—lengthens operating cycles.

BOWSER ROTO-KLEEN is your best buy for low cost filtration!

The new Roto-Kleen bulletin tells all—shows all. Write for your copy today.

VACUUM STILLS

The answer to your need for solvent *completely free* of all impurities! Operates with less steam and water—requires very little attention. Popular sizes.

HOW ROTO-KLEEN WORKS

From left . . . . to right The element cleaning action is the same as . . . .

the balance wheel in your watch

Roto-Kleen is the MODERN WAY to drop or remove filter cake from elements.

Bowser Dry Cleaning equipment is sold and serviced by better jobbers.

BOWSER, INC. — 1312 Creighton Avenue — Fort Wayne 2, Indiana

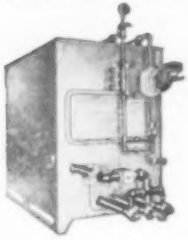
LIQUID CONTROL SPECIALISTS SINCE 1885

P.S. Meet us at the N.I.C.D. Convention, Chicago Pier, March 12-15, Booths 779 and 780.

When writing to advertisers, please mention

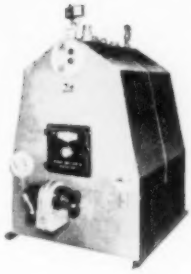
KISCO ASSURES YOU INCREASED SERVICE AND VALUE

KISCO OIL OR GAS-FIRED CABINET BOILER



A compact, fully insulated, automatic boiler, designed exclusively for gas or oil firing. The "Three-Way Heat Travel" is an important economy feature, which absorbs practically all possible heat units from the fuel. This boiler was built for hard water conditions. There are no coils to corrode or cause trouble and the large submerged horizontal fire tubes assure a low up-keep cost and long life. Furnished in 5 to 15 Horsepower sizes. Write for Catalog BCG-2.

KISCO-STEEMATIC WATER TUBE BOILER



Vertical tubes with large steam drum and two large mud drums, gives positive circulation and fast steaming. Refractory baffles give maximum heat absorption and reverse the flow of hot gases over the tubes. Can be fired with any fuel or automatic firing device, and is equally efficient with any type fuel. Sizes 10 to 60. Write for Catalog BSA-2.

KISCO "KWIK-STEAM" VERTICAL BOILER

Designed for gas or oil firing. A dependable, fast steaming "packaged" power plant that is simple, compact, economical and durable. A.S.M.E. 100 lb. construction in two sizes, 1½ and 5 H. P. Write for Catalog BKS-2.

KISCO BOILER FEED PUMPING UNIT

An efficiently designed cold water pumping unit which connects directly to city water line. Used in connection with the Kisco Combination Switch Control, it automatically maintains a uniform water level and steam space in the boiler, where boiler pressure exceeds city water pressure. Bell alarm signal provides additional protection. Write for Catalog BFP-2.

THE KISCO "ABSO-SOFT" WATER SOFTENER

The Kisco "Abso-Soft" Water Softener provides an abundance of rain-soft water always on tap. Soft water prevents the formation of scale in boilers and pipes and reduces fuel costs due to free heat transfer. The Zeolite "Base Exchange" process filters out calcium, magnesium and other hardening elements. No chemicals are used . . . nothing is added to the water . . . only the hardening elements are removed, so the softened water is tasteless and absolutely safe for drinking or any other process. Soft water saves 50% to 75% of soap used for washing. Hard water used in food processing robs food of flavor and kills vitamins. Kisco "Abso-Soft" Water Softeners are available in many types and sizes, from the smallest portable unit to the largest industrial size. Write for Catalog BWS-2.

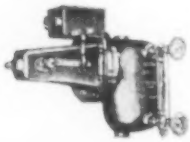
THE "KISCO-BILT" RETURN TO BOILER SYSTEM

The Kisco SYSTEM will increase Boiler Efficiency, Step Up Production, and Cut Fuel Bills. It reclaims both High and Low pressure condensation and feeds Hot make-up water to the boiler Automatically. The Kisco SYSTEM adds years to the life of any boiler and saves countless dollars in fuel, water and labor savings. It assures you of both a Uniform Water Level and Steam Pressure, Plus Protection. Write for Catalog BRS-2.

THE KISCO "Q-T" HEAT RECIRCULATORS

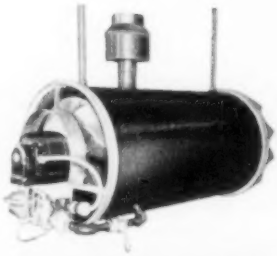
These powerful, ruggedly built "Unit Heaters" are constructed for high pressure operation. They are easily installed. Motors have resilient rubber mountings and new, improved, overlapping fan blades to assure quiet operation. There are sizes and types for every heating requirement. Write for Catalog BSUH-2.

THE KISCO MASTER BOILER WATER LEVEL SWITCH CONTROL



Here's the Perfect Solution to the Important problem of maintaining a Constant and Uniform Water Level and Steam space in your boiler. The Kisco Master Switch Control automatically starts and stops the pumping unit . . . Provides additional protection through the Low Water alarm and Fuel Cut-Out. Write for Catalog BMSC-2.

KISCO "GAS-HEET" RECIRCULATORS



Amazingly efficient. Requires no steam or water connections. Heats with hot air. Completely automatic in operation. Easily installed by simply making gas and electric connections. Write for Catalog BGUH-2.

KISCO BOILER & ENGINEERING CO.
2414 DeKALB STREET — ST. LOUIS 4, MO.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

NO "DROP" to Damage or Shrink!

See this washer and our full line at N.I.C.D. Chicago Convention. Booth Nos. 712-13-14-15-16-17

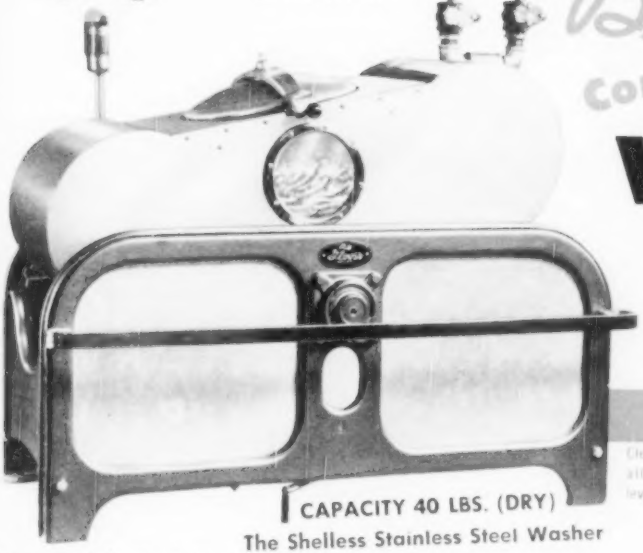
THE REVOLUTIONARY NEW

Bill Glover

Continuous Agitation

WASHER

Superior for LAUNDRY or Wet or Dry Cleans . . . Dyeing, Too!



Clear view Pyrex window affords visibility at all times to assure operator the proper level and washing action are maintained.

CAPACITY 40 LBS. (DRY)

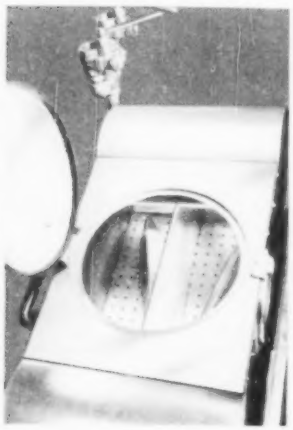
The Shelless Stainless Steel Washer

Again and Again, It Has Proved in Actual Plant Operation . . .

CLEANS CLEANER IN LESS TIME, MORE ECONOMICALLY!

NO DROP to Cause Damage Shrinkage or Felting

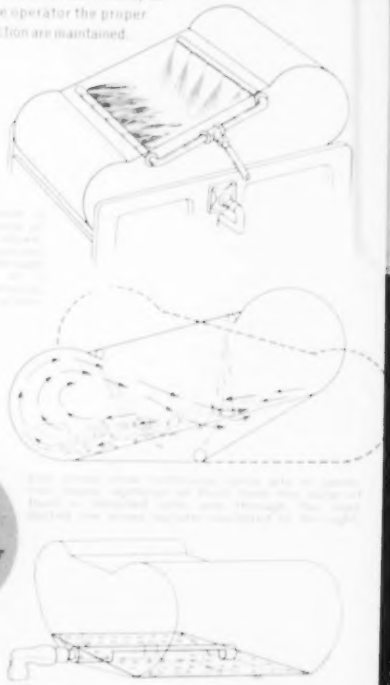
Superior Agitation, More Thorough Penetration



REDISPOSITION of soil does not occur to cause greying. The machine does not stop to drain, allowing the garments to settle down to the bottom, acting as a filter for the dirty solvent or water.

Does not rinse by the diluting method. Spray jets continuously flow clean fluid DOWN ONTO AND THROUGH the load while rinsing, washing out the soap and soil in direct line of gravity flow. NO CHANNELING. Impossible for the fluid to by-pass the load. No diluting. Rinses 1/3 faster rinses cleaner.

The most versatile washer. Cleans safely all types of garments, including fragiles, suedes, sweaters, hats. Also blankets, drapes, curtains and small rugs without damage or shrinkage due to drop. Decreases color transfer (never stops . . . remove garments while running). Save soap, water and dye (no dead shell space). Revolutionizes dyeing. **LAUNDRYMEN** attend the Chicago Convention to see our new family bundle model. It is our standard 40-lb. washer with a partition as shown at left, making two 20-lb. compartments—two for price of one.



SEE IT, TRY IT!
or write for factual folder

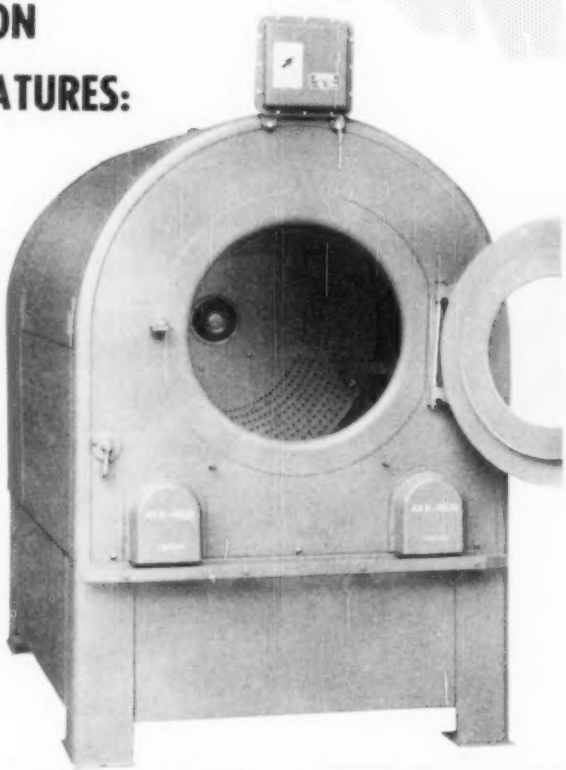
Bill Glover
INCORPORATED

5204 Truman Road
Kansas City 1, Mo.

AYR-MOR brings you the first improvements in TUMBLERS in 20 years

NEW PATENTED DRYING ACTION HAS THESE MODERN FEATURES:

- More volume with less heat.
- Heated air must pass through clothes.
- No by-pass—utilizes 100% of heated air.
- Up to 70 lower stack temperature.
- Full floating basket—no overhang.
- Protection against fabric shrinkage.
- Heavy insulated cabinet.
- Motor, fan, bearings on outside.
- Noiseless, no gears or chains.
- Positive heat controls save steam and time.
- Automatic timer is standard equipment.
- Available in 40, 60 and 100 lb. load capacities.
- Reversing mechanism available.



WRITE FOR FULLY ILLUSTRATED FOLDER • DEALER INQUIRIES INVITED

AYR-MOR MACHINERY CO., INC.
601 W. WASHINGTON BLVD. • CHICAGO 6, ILL.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Only "TT" TICKETAG*

A Complete Drycleaner's Identification System

Gives You

1 CUSTOMER'S RECEIPT
2 OFFICE RECORD
3 ASSEMBLY CHECK AND CUSTOMER'S INVOICE
4 PRE-NUMBERED TAGS

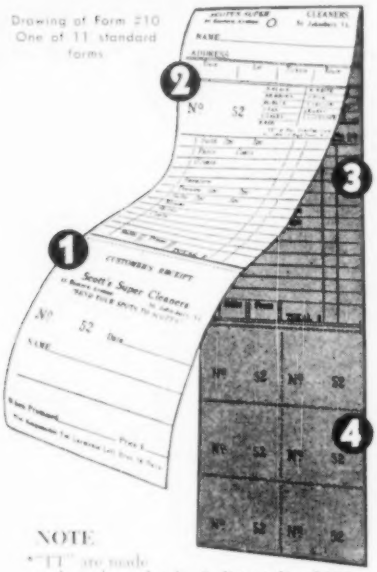
All In One

Every IDENTIFICATION SYSTEM

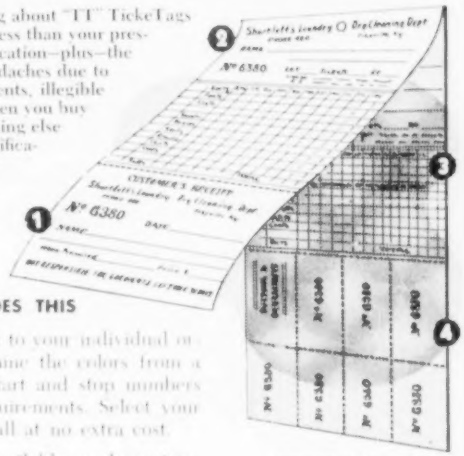
Uses Printed Forms

So Why Not Buy "TT" And Have All These Advantages?

Drawing of Form 210
One of 11 standard forms



The amazing thing about "TT" TickeTags is that the cost is less than your present cost of identification—plus—the elimination of headaches due to mismatched garments, illegible markings, etc. When you buy "TT" there is nothing else to buy, your identification or marking in department is complete. It's simple compact All-In-One.



Drawing of Form 25
One of 11 standard forms

"TT" ALSO DOES THIS

"TT" are printed to your individual order. You determine the colors from a choice of ten. Start and stop numbers to suit your requirements. Select your route numbers, all at no extra cost.

"TT" are also available made in triplicate, quadruplicate, etc. with or without carbonized back, with or without one time carbons.

NOTE

"TT" are made exclusively under U. S. Patent No. 2,066,153 by TickeTag Corp., High Point, N. C. You are fully protected when using this system.

Learn about this tried and proven complete identification system that gives you so much. Get the samples and see how easily your most troublesome difficulty can be overcome.

"TT"

TICKETAG CORPORATION
HIGH POINT, NORTH CAROLINA

"TT" TickeTag CORPORATION, HIGH POINT, N. C.

Please Send Me ☐ Samples of 11 standard forms
☐ Quotation on sample form I am now using

Name

Address

City Zone State

NC 2-50 Mail coupon today and discover how "TT" TickeTags can save you time and money

THE FASTEST AND MOST ECONOMICAL SAFE FORMULA

FOR HARD SET PAINT, OIL AND GREASE STAINS

1 PART CYCLO
2 PARTS PICRIN

In this formula the Picrin retains its quick cutting solvent properties, while the Cyclo serves as a lubricant and its oily base prevents the loosened stain from spreading back on fabric.

IT'S FAST

Accurate tests prove conclusively that the Cyclo-Picrin formula works faster on paint, oil and grease than any other formula of equal safety. These tests were conducted with extreme accuracy by staining swatches of fabric under identical conditions, and then using equal care in applying and working the formulas under identical conditions. This time and motion study not only proved that Cyclo and Picrin effected complete stain removal in less time, but also that the formula rinsed more freely with superior whiteness retention.

IT'S SAFE

Although the Cyclo-Picrin mixture is surprisingly effective in the removal of paint, oil and grease, it is surprisingly *in*effective in removing color, sizing or finish. This safety feature is of paramount importance during this era of less stable dyestuffs. Of course, there are some dyes so fugitive that even Cyclo and Picrin may be active. In fact, some dyes are removed by plain petroleum or chlorinated solvent alone. However, the Cyclo-Picrin mixture has proven its safety over many years to all dyes of average fastness.

IT'S UNIFORM

Since 1927 we have made Cyclo and Picrin under exacting laboratory control. During these 20 years leading spotters everywhere have come to recognize and appreciate the uniformity of both products. These spotters have always ordered Cyclo and Picrin from their jobbers with complete assurance of receiving the identical product with each shipment. Careful buyers know that Cyclo and Picrin are often imitated but never duplicated. Experienced spotters still rely on the uniform quality of these time-tested originals.

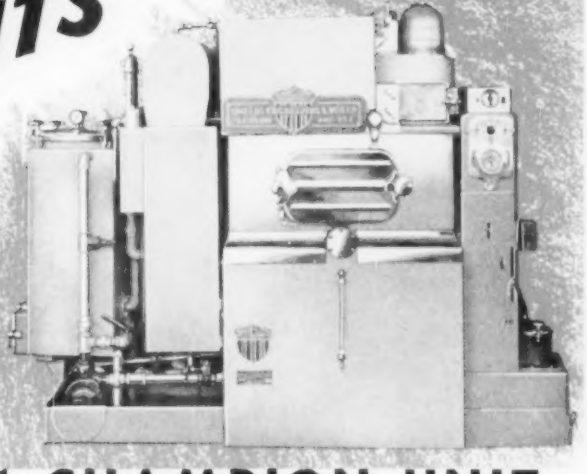
Fresh Stocks for Prompt Delivery at Leading Jobbers

R. R. STREET & CO., INC.

561 West Monroe St., Chicago 6 — *Industrial Chemists* — SINCE 1876

When writing to advertisers please mention The NATIONAL CLEANER & DYER

FOR LARGER DRY CLEANING PROFITS



Install A Fully Automatic *SYNTHETIC* SHIELDS R-51 CHAMPION UNIT

Garments Go in Dry—and Are Taken Out Dry!

Here is a machine that is designed and engineered for rugged, fool-proof operation with minimum upkeep and maximum output. Its large capacity of 50 pounds per load is a real profit making advantage. Solvent cost is 1¢ or less per pound. Recovery unit recovers all of the solvent left in garments. Unit is tightly sealed to prevent escape of fumes. Has filtering capacity of 1800 gallons per hour and distillation capacity of 40 gallons per hour.

Soap injector unit minimizes spotting and wet washing. Compactly built, this unit is shipped completely assembled, enters through standard store front doors and can be put in operation within six hours after received. Designed for flexibility of operation it can be instantly adapted to your style of cleaning. A PRIZE PACKAGE—IT'S THE UNIT YOU NEED.

FULLY AUTOMATIC, THIS UNIT WASHES, FILTERS CONTINUOUSLY, EXTRACTS, RECOVERS AND DRIES IN ONE CONTINUOUS OPERATION. *WRITE OR MAIL COUPON FOR COMPLETE DETAILS!*

SHIELDS PERCHLOR UNIT

MAIL COUPON FOR THIS FOLDER

Shields Engineering and Manufacturing Company,
277 E. 156th St., CLEVELAND 10, OHIO

Shields Engineering & Mfg. Co.,
277 E. 156th St., Cleveland 10, Ohio

Gentlemen:
Please send descriptive literature on your new, Fully Automatic Shields R-51 Champion Unit.

NAME _____
COMPANY _____
ADDRESS _____
CITY _____ ZONE _____ STATE _____

When writing to advertisers please mention The NATIONAL CLEANER & DYER

YOU

Have a Date

at

733...

So Come On In...
Be Sure to See

The NEW OLSON
FILTERS and STILLS

Booth 733 - NICD Convention
March 12-15, 1950
NAVY PIER, CHICAGO!

OLSON FILTRATION ENGINEERS, Inc.

1624 N. KILBOURN
CHICAGO, ILL.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Shower-pruf

the invisible umbrella!

It's marvelous . . . it's Adco magic! It surrounds each tiny fiber of the fabric with an invisible protective film which renews water repellency and makes ordinary garments soil and stain resistant. Never alters color, texture; keeps clothes fresher, cleaner longer; guards against shrinkage. Adco's invisible umbrella . . . **Shower-pruf!**

ADCO, INC., Sedalia, Mo., U. S. A.

McGrath

When writing to advertisers please mention The NATIONAL CLEANER & DYER

the all-important extra

A corsage means a lot to your lady fair.
MONITE Insured Mothproofing means even more to your value-seeking customers.

Each is an **extra** . . . the corsage an extra thoughtfulness, MONITE an invaluable extra service at **no extra cost.** Each is that **all-important extra** that every time will tip the scales in your direction.

Do you know that in spite of our increased costs, the cost of MONITE has not increased since July 1941?

Still only 1½ cents per garment!

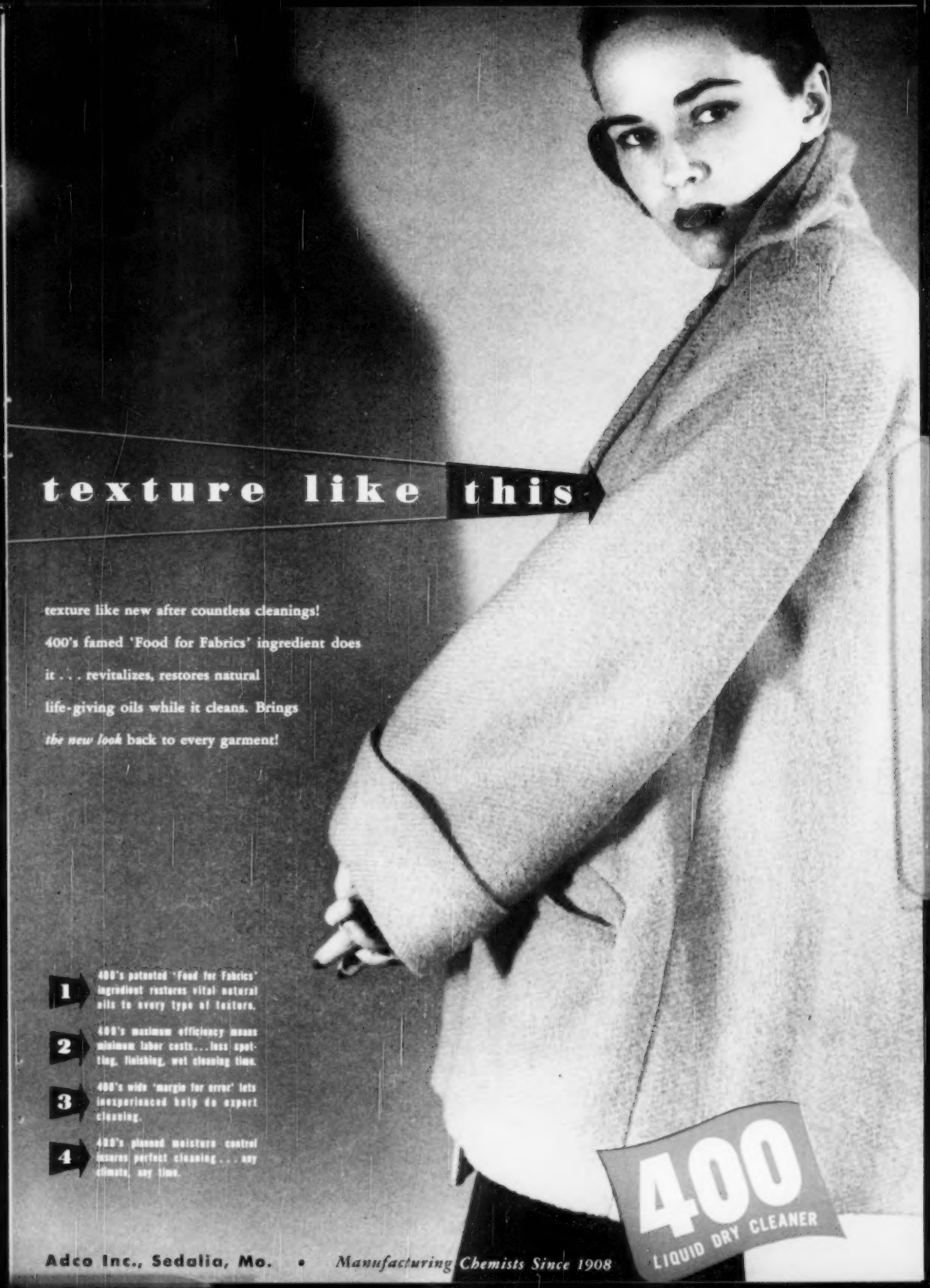
Applied in the wheel . . . no extra labor or equipment required.

Adco, INC. SEDALIA, MO.

MONITE INSURED MOTH PROOF CLEANING PROCESS

Manufacturing chemists since 1908

When writing to advertisers please mention The NATIONAL CLEANER & DYER

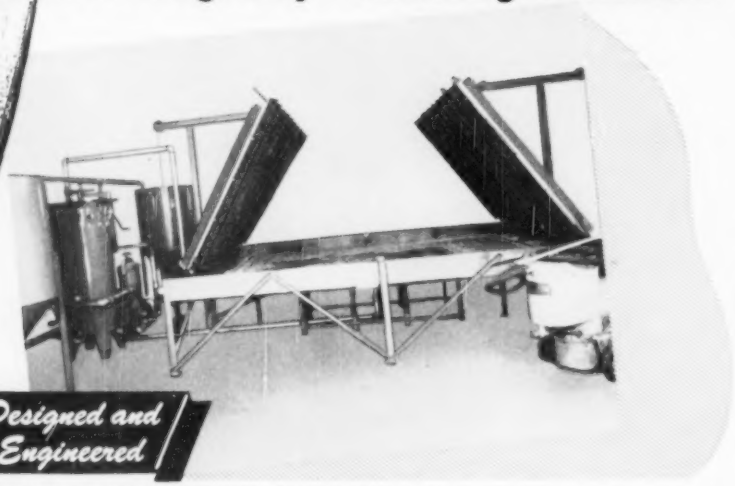

texture like this
texture like new after countless cleanings!
400's famed 'Food for Fabrics' ingredient does
it . . . revitalizes, restores natural
life-giving oils while it cleans. Brings
the new look back to every garment!
1 400's patented 'Food for Fabrics' ingredient restores vital natural oils to every type of texture.
2 400's maximum efficiency means minimum labor costs . . . less spotting, finishing, wet cleaning time.
3 400's wide 'margin for error' lets inexperienced help do expert cleaning.
4 400's planned moisture control insures perfect cleaning . . . any climate, any time.
400
LIQUID DRY CLEANER
Adco Inc., Sedalia, Mo. • Manufacturing Chemists Since 1908

PRESENTING 1950's GREATEST

MONEY MAKING OPPORTUNITY

The New and Amazing

MAR-MAK Rug Dry Cleaning Machine



Designed and Engineered

- **TO BE HANDLED BY ONE MAN** Cleaning a rug is a one man operation. With the use of the MAR-MAK Rug Dry Cleaning Machine, one man can handle from 40 to 50 rugs a day.
- **CLEANS AN ENTIRE RUG IN EIGHT MINUTES FLAT!** During actual tests, a single operator using the MAR-MAK Rug Dry Cleaning Machine has completely cleaned a rug in eight minutes. Maximum time has been ten minutes.
- **PUSH BUTTON CONTROL!** The MAR-MAK Rug Dry Cleaning Machine is controlled entirely by Push Button. It is eleven feet wide and fourteen feet long, and has two brush racks which hold a series of brushes spaced eleven inches apart. The entire face of the rug is scrubbed with a reciprocal movement.
- **TO ELIMINATE FADING, SHRINKAGE, SIZING DISTURBANCE** The MAR-MAK Rug Dry Cleaning Machine is guaranteed to clean rugs so that they will not fade, shrink or produce sizing disturbance. In fact, use of this machine produces a rejuvenization of the sizing.

Protected Territories

The MAR-MAK Rug Dry Cleaning Machine which does everything that a soap and water machine does, and MORE . . . and makes possible 24 hour service . . . is sold on a PROTECTED TERRITORIAL basis. For price and complete information write, wire or phone us immediately.

Film Demonstrations

A commercial film demonstration showing the MAR-MAK Rug Dry Cleaning Machine in operation will be shown during the National Institute of Cleaning Show at the Navy Pier (North Pier) Chicago, March 12-15.

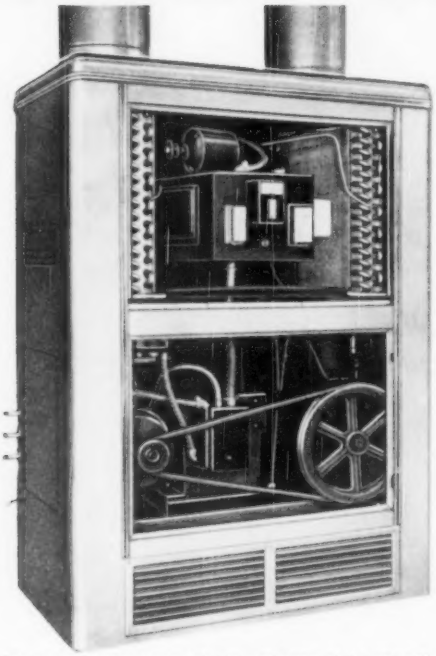
Mar-Mak Rug Machinery Manufacturing Co.

626 N. Logan Ave.
Danville, Illinois

When writing to advertisers please mention The NATIONAL CLEANER & DYER

THE NEW *Chandler*

VAULT CONDITIONER



The above photograph reveals the mechanism of the unit with front panels removed. It shows the extra-large cooling coils; the humidity and temperature controls and in lower part, the compressor unit, and the steamship-type top ventilator intakes.

COOLING AND DE-HUMIDIFYING UNIT

The *CHANDLER* VAULT CONDITIONER is a self-contained, complete plant that COOLS and DRIES air of entire vault.

Eliminates All Problems of Costly Installation

SIMPLY CONNECT WATER AND ELECTRIC POWER . . . THE UNIT, FROM THEN ON, AUTOMATICALLY MAINTAINS AND REGULATES TEMPERATURE AND ELIMINATES EXCESS HUMIDITY IN YOUR FUR STORAGE VAULT.

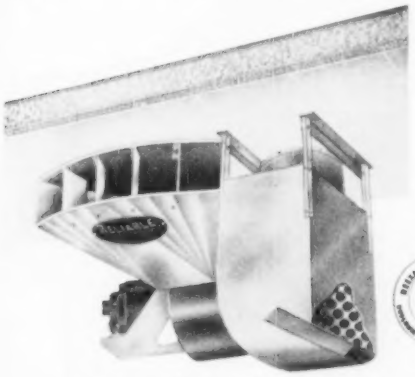
The CHANDLER Vault Cooling Unit must not be confused with ordinary, "packaged" air conditioners seen in stores.—This is a genuine, complete

COOLING PLANT

With Large, Automatically-Defrosting Refrigeration Coils.

The CHANDLER Vault Cooling Unit embodies completely new principles for perfect operation. It is constructed with top-quality controls for automatically maintaining the humidity of a garment vault at a low between 50% and 60%. The controls are so designed as to watch humidity first. Temperature, preferably around 60 degrees, is controlled second. All problems of installation are eliminated. (Basement vaults require no insulation with this unit.) Made in two sizes: 3 HP., for vaults with 3,000-coat capacity; and 5 HP., for vaults with 5,000-coat capacity.

The new Vault Cooling Unit is certain to become the standard furriers' vault equipment of the future, since it gives the most positive and complete automatic vault control ever offered, and *it costs much less both to install and to operate than the old systems.*



Motor-driven, filtered fresh air intake.

Our Separate Units for Vault Fumigation and Ventilation provide the best and most thorough distribution of fumigant and ventilation ever made possible.

IMPORTANT

This system is controlled from panel board outside the vault.

IMPORTANT FOR YOUR FULLEST PROTECTION

The CHANDLER Vault Cooling Unit is approved by Underwriters Laboratories, Inc., sponsored by the National Board of Fire Underwriters. This assures lowest insurance rates and complete safety!

Motor-driven fumigator and exhaust.

Manufactured and Sold By:

For full information and prices write or call us

CHANDLER SALES & SERVICE CO.

Specialists in Machinery and Equipment for Furriers

245 SEVENTH AVENUE — WAtkins 9-0646 — NEW YORK 1, N.Y.

A Modern Press for Every Purpose in the Profit-Building AJAX LINE

FAST, FAULTLESS FINISHING WITH AJAX 2-GIRL SHIRT UNIT

By applying intense heat and tremendous pressure in a perfectly balanced combination AJAX achieves amazing speed and matchless shirt finishing quality. The exclusive AJAX steel head that transmits heat instantly and uniformly, combined with the exclusive patented pressure delivering mechanism, gives this unit a sustained capacity of **50 quality shirts an hour.** Only AJAX Laundry Presses give you command of the heat and pressure required for a perfect machine-finished shirt!

GET IMPROVEMENTS OF IMPORTANCE IN AJAX MODEL "D" DRY CLEANING PRESS

Here's a new model that offers more than just a new-look. AJAX Model "D" is the dry cleaning press that brings you new operating convenience, increased production and trouble-free service. These vital improvements include: new exclusive Welpco "jiffy valves," instantly serviceable; exclusive and improved locking mechanism; exclusive lower buck construction combining fast steam and fast vacuum; incomparably smooth shock absorber action. Write us today for full detail.

See our display at
THE NATIONAL INSTITUTE OF CLEANING & DYEING CONVENTION Navy Pier, Chicago, Illinois, March 12 to 15
BOOTH NO. 150

WESTERN LAUNDRY PRESS COMPANY

619 South 5th West Street • • Salt Lake City, Utah

MANUFACTURERS OF THE FAMOUS AJAX PRESSES SINCE 1929

When writing to advertisers please mention The NATIONAL CLEANER & DYER

YARWAY
IMPULSE
STEAM TRAP DATA

ACTUAL SIZE ¾"
YARWAY
IMPULSE TRAP

U. S. Patents 2,051,742 and 2,327,849.
Patented in foreign countries

CONSTRUCTION The Yarway Impulse Steam Trap has only one moving part—the simple valve (F) illustrated above. This trap is made of bar stock, no castings used. Standard design, Nos. 60 to 67, recommended for working pressures up to 400 lbs., temperatures up to 450° F. Body and bonnet are cold rolled steel, cadmium plated; valve and seat are heat-treated stainless steel; cap is tobin bronze. All-stainless-steel design, Nos. 120 to 127, used for working pressures up to 600 lbs., temperatures up to 750° F.

OPERATION Valve (F), only moving part, is operated by changes in pressure in control chamber (K). No buckets, floats or bellows. Tiny portion of condensate passes around valve piston (L) into control chamber, thence through center orifice into outlet side of trap. This discharge lowers chamber pressure, valve lifts and main flow discharges through seat. As condensate approaches steam temperature, control flow vaporizes in chamber (K). The increased volume builds up chamber pressure, closing valve and shutting off main flow.

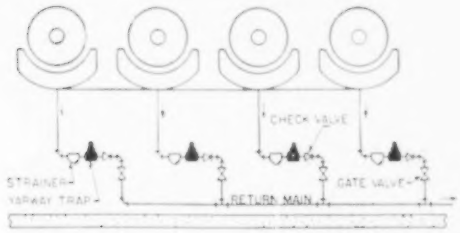
With small amounts of condensate, valve remains seated and center orifice discharges all condensate. At medium loads, valve opens and closes at short intervals. At heavy loads, valve opens wide and discharge is heavy and continuous.

The Yarway Impulse Steam Trap will not air bind. No priming is required, operation not affected by sudden pressure reduction.

INSTALLATION The Yarway Impulse Steam Trap is easy to install and may be applied to almost all kinds of steam equipment requiring draining.

TYPICAL APPLICATION—Yarway Impulse Steam Traps with Yarway Fine Screen Strainers installed on Multiple Roll Ironer.

MULTIPLE ROLL IRONER



CAPACITIES Maximum continuous discharge of condensate in pounds per hour, No. 60 Series and No. 120 Series Yarway Impulse Steam Traps.

Pressure Pounds	½"	¾"	1"	1¼"	1½"	2"
10	475	825	1360	1910	2400	3425
20	650	1150	1725	2315	3050	4340
30	800	1375	1985	2650	3525	5050
40	900	1575	2220	2950	4000	5615
50	980	1725	2425	3200	4315	6100
60	1050	1850	2600	3425	4630	6525
70	1110	1975	2775	3660	4940	6910
80	1200	2080	2925	3875	5200	7260
90	1240	2175	3075	4075	5440	7600
100	1290	2260	3215	4280	5675	7875
125	1400	2460	3550	4760	6165	8510
150	1490	2610	3870	5175	6630	9075
200*	1610	2900	4500	5960	7410	9950

*While capacities of Yarway Traps on still higher pressures are greater than those shown on table, capacity figures for 200 lbs. pressures should be used in figuring requirements for all pressures above 200 lbs.

For greater capacity at low pressure, use two or more traps with check valve on discharge end of each trap. To drain several places, each having small amount of condensation, with locations close together, these points may be connected into one pipe line using one ½" trap, placing gate and check valves at each drain point. Yarway Traps will operate against normal back pressure in return systems.

LIST PRICES, WEIGHTS AND DIMENSIONS

No. 60 Series—up to 400 lbs. and No. 120 Series—up to 600 lbs.

Size	Trap Complete	Body	Bonnet & Cap	Valve Assembly*	Weight Pounds	Length Inches
½" Nos. 60 or 120	$15.00	$3.60	$3.20	$8.20	1¼	2⅝
¾" Nos. 61 or 121	22.00	4.00	4.40	12.00	2	3
1" Nos. 63 or 123	31.00	6.40	5.20	16.40	2½	3⅛
1¼" Nos. 64 or 124	40.00	10.60	7.00	21.40	4	3¾
1½" Nos. 66 or 126	60.00	15.20	8.00	26.00	5¼	4¼
2" Nos. 67 or 127	90.00	15.00	12.40	32.60	8½	4¾

*Includes coated cylinder with lock nut, pin and washer; valve; seat with gasket.

OVER 600,000 YARWAYS HAVE BEEN SOLD

See your nearest Mill Supply Dealer or write for Bulletin T-1739.

YARNALL-WARING CO. Philadelphia 18, Pa.

Chemicals you live by

May we promise "spot" cash?

Spot cash being money you can save by reducing the amount of hand work on your spotting table.

You can reduce spotting table overhead by using DIAMOND Dry Cleaner with the built-in spot remover. We do not claim this built-in remover will remove *all* spots. It will greatly reduce spots. Those who have tried it find it has two results: spotting time is decreased; customer satisfaction is increased.

Order it from your regular DIAMOND Alkali supplier. He can also supply you with DIAMOND Carbon Tetrachloride.

DIAMOND DRY CLEANER

DIAMOND ALKALI COMPANY — CLEVELAND 14, OHIO

DIAMOND ALKALI CHEMICALS

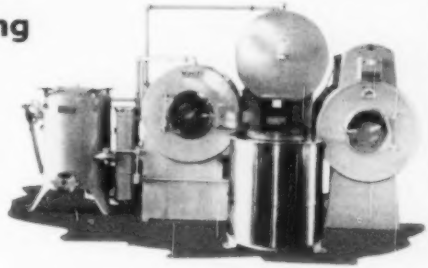
When writing to advertisers please mention The NATIONAL CLEANER & DYER

BILL HAMMOND

For over 40 years Hammond Equipment has Stood the Test!

Atomic Dry Cleaning Unit

The new Hammond Atomic Dry Cleaning Unit is fully automatic and is the proven answer to today's demand for better work at lower cost per garment. It assures you finer cleaning, and faster than you could ever imagine. You save in labor, power, in solvent, floor space and gain in finer work.



HAMMOND Drying Cabinet

The new Hammond 1950 Drying Cabinet is built with the precision and modern features as only Hammond puts in equipment. Completely and safely dries clothes in the shortest possible time. It is compact, beautiful and will last for a lifetime.

★ Atomic Monel Washer

30-35 and 50-60 pound capacity washers with features found only in much higher priced machines. They will adapt themselves to a wide variety of trade requirements. They are fast, thorough and will wear for ages. They will soon pay for themselves in extra output and profit.

1950 Vacuum Filter ★

Our patented vacuum Filter should replace all pressure filters because you gain quality work, long enduring pumps, elimination of pressure, sound. It is compact, efficient, easy to clean and service. Ask for details.

Master Endor Tumbler

The Speed King of modern laundry dryers. The Hammond Tumbler will add volume to your output and increase profit in your drying department. It is far ahead of the ordinary tumbler and will give years of hard, satisfactory service. Reasonable in price.

FOR FULL PARTICULARS
WRITE, WIRE, OR PHONE
HAMMOND BUILDING
WACO, TEXAS

Hammond
LAUNDRY-CLEANING MACHINERY CO.

SINCE
1911

OUR MODERN PLANT

When writing to advertisers

This month--

let's not talk about
THE SPOTTING MANUAL
Let's just talk about LOVE!

Do your customers love YOU?

They will—if you give them *really spotless* work!

Do you love your CUSTOMERS?

If you do—you'll give them everything their little hearts desire! You'll remove every removable spot and stain—wetclean when you must—and still return a like-new garment.

Yes, it can be done—with the help of

THE SPOTTING MANUAL
OF THE
DRYCLEANING INDUSTRY
Revised Edition
By ALLEN O. FLIGOR
and PAUL C. TRIMBLE

You'll *love* the way it covers the subject of spotting and related processes—clearly, simply, practically—yet completely!

And you'll *love* the results, too—the customers who'll keep coming back . . . and keep telling their friends about the drycleaner they *love*!

To My Drycleaner--
Remove every spot
From this dress of mine
And you'll always be
My Valentine!

Your Customer

The NATIONAL CLEANER & DYER
501 EAST 6th STREET
NEW YORK 17, N. Y.

☐ CHECK ☐ MONEY ORDER

Gentlemen:

Please send me my copy (postage paid) of The Spotting Manual of the Drycleaning Industry, Revised Edition.

Name

Firm

Address

City State

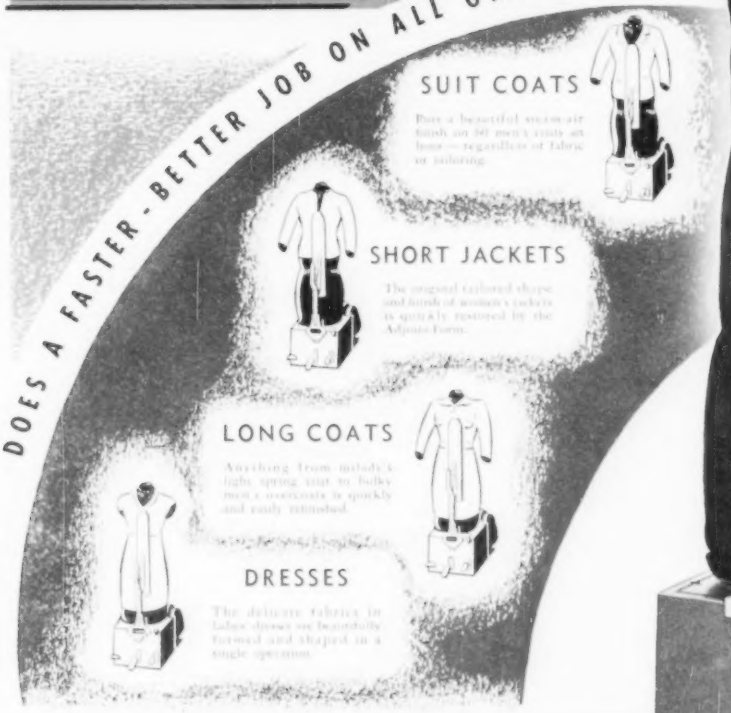
ONLY
PRICE
$5.00

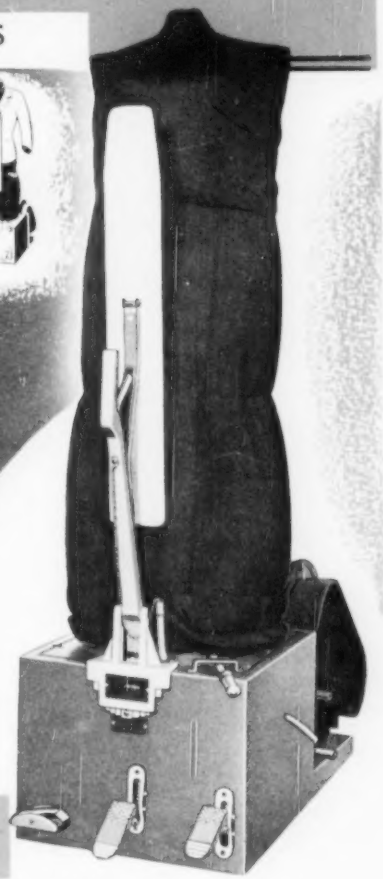
When writing to advertisers please mention The NATIONAL CLEANER & DYER

Adjusta-Form

THE STEAM-AIR FINISHER

DOES A FASTER - BETTER JOB ON ALL GARMENTS





THE ONLY STEAM-AIR FINISHER WITH FORM CONTROL

Operating on narrow profits? Then speed up production in the finishing room with an Adjusta-Form. Here is the steam-air finisher capable of handling a mixed run of all garments without the time-consuming task of changing forms to fit each style of garment. Only three controls are needed to shape the bag for all types of garments AND when a garment is locked on the form these controls are readily accessible . . . outside the garment.

Adjusta-Form offers quality finishing, too! Steam-air finishing leaves no tailor shop shine . . . no pocket or seam marks.

Switch now to the finest quality finishing at top speed production. Install an Adjusta-Form.

MAIL TODAY

☐ Send additional information about the Adjusta-Form.

☐ Send an Adjusta-Form representative.

Name

Address

City _____ State

ENGINEERED AND MANUFACTURED BY

WICHITA PRECISION TOOL CO., INC.

450-454 NORTH SENECA • WICHITA 12, KANSAS

See the ADJUSTA-FORM at the N.I.C.D. Convention, Chicago, March 12-15, Booth 136

When writing to advertisers please mention The NATIONAL [illegible]

FOR **BETTER** FLEXIBLE HOSE AND COUPLINGS

Specify PACKLESS

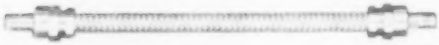
SUPPLIED AS STANDARD EQUIPMENT
BY LEADING MANUFACTURERS
AND DISTRIBUTORS —

Packless manufactures and stocks every type of flexible metal hose unit required for all the various pressing machines now in use.

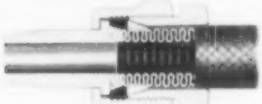
Packless Flexible Metal Hose is of the highest quality, seamless bronze tubing and contains no welded joints to weaken or crack. They are reinforced with high-tensile bronze wire braid which assures long life and extra safety under constant pressure.

Packless Flexible Metal Hose units are available in two constructions to satisfy every user; one with detachable fittings applied to the hose by mechanical means, the other with fittings brazed at each end.

MECHANICAL FITTING ASSEMBLIES

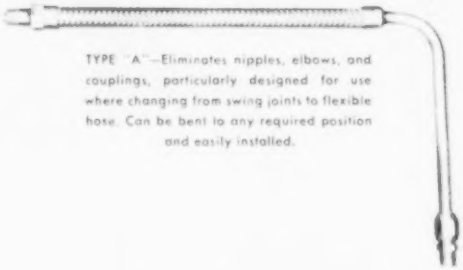


Illustrated is type BD with Male Detachable Coupling each end. Also available with flanges one end or both ends.



Cross section view of the Packless Mechanical Coupling, showing the positive leakproof seal that is made without use of solder or application of excessive heat.

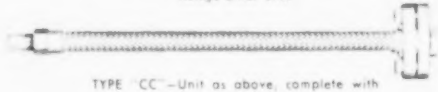
STANDARD UNITS WITH BRAZED FITTINGS



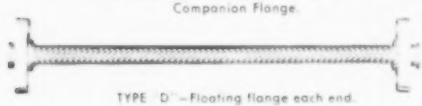
TYPE "A"—Eliminates nipples, elbows, and couplings, particularly designed for use where changing from swing joints to flexible hose. Can be bent to any required position and easily installed.

TYPE "B"—Male couplings each end.

TYPE "C"—Male coupling one end, floating flange other end.



TYPE "CC"—Unit as above, complete with Companion Flange.



TYPE "D"—Floating flange each end.

958

Packless Metal Hose units are available for pressing machines in all sizes from ¼" I.D. to ½" I.D. with fittings as required. For further information send for the PACKLESS

DESCRIPTIVE FOLDER ON FLEXIBLE HOSE UNITS. If your local dealer doesn't handle Packless, write in for the name of your nearest supplier.

PACKLESS DISTRIBUTORS ARE A DEPENDABLE SOURCE OF SUPPLY

PACKLESS

METAL PRODUCTS CORP.

NEW ROCHELLE • NEW YORK
Department NCD

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Fletcher EXTRACTORS OPERATE AT HIGH SPEED!

THE "WHIRLWIND" FEATURES

- Automatic hydraulic brake and timer
- "Finger-tip" control — no push, no pull, no strain
- Compact — requires less floor space
- Easy to load and unload. Deep basket—more capacity
- "Silk-smooth" basket interior
- Self-balancing
- Oversize motor — direct v-belt drive

FASTER LOADING & UNLOADING WITH THE "TWINTAINER"

The "Twintainer" offers two containers . . . both with bottom discharge to expedite unloading. One "Twintainer" will handle as much work as several ordinary extractors, because of the time saved in loading and unloading. It is the only extractor with all these advantages:

- Automatic hydraulic brake and timer
- "Finger-tip" control—no push, no pull, no strain
- "Long swing" self-balancing, with adjustable springs
- Safety casing of boiler plate steel, covered on outside with gleaming stainless steel
- Stainless steel safety cover, with automatic opening and closing

WRITE FOR DESCRIPTIVE BULLETINS

FLETCHER WORKS

213 GLENWOOD AVE. PHILADELPHIA 40, PA. ESTABLISHED-1850

When writing to advertisers please mention The NATIONAL CLEANER & DYER

YOUR STANDARD

for fullest Measure of Value...

Wherever garments are pressed, the Hoffman Press is *the* yardstick for performance, dependability and economy . . . unmatched in 45 years.

The HOFFMAN

Model "X"

Press

TOPS IN VALUE . . . SINCE 1905

Hoffman

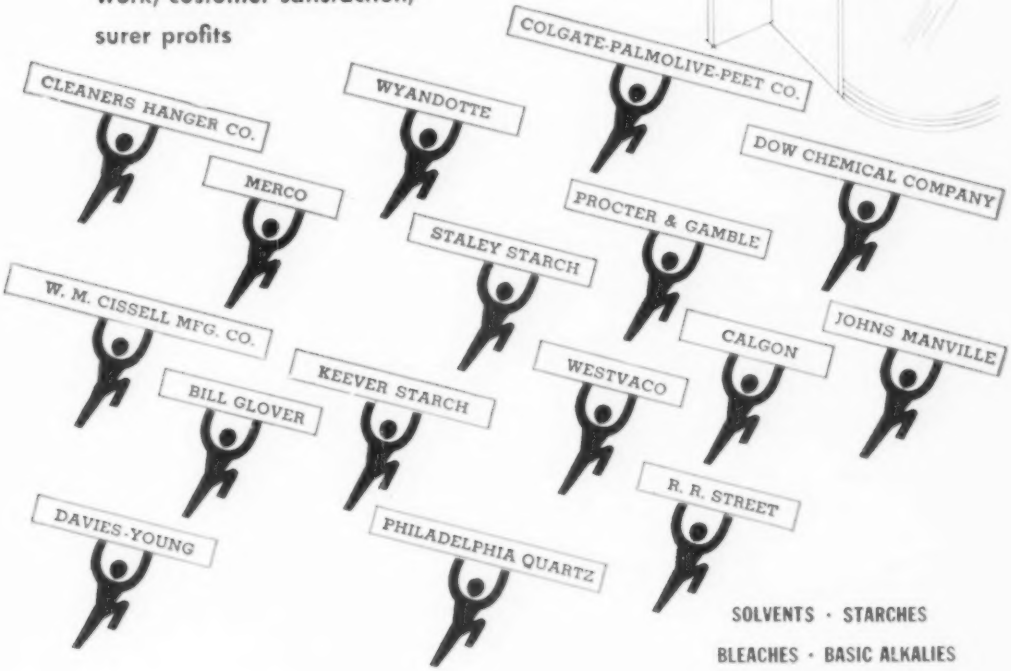
U. S. HOFFMAN MACHINERY CORP. 105 FOURTH AVENUE, NEW YORK 3, N. Y.

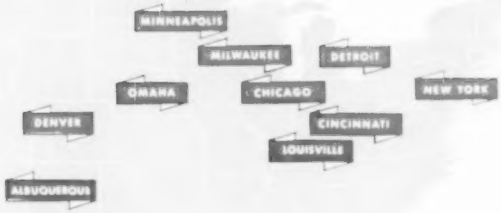
When writing to advertisers please mention The NATIONAL CLEANER & DYER

from MERCHANTS to YOU

Names that mean business

...better business for you, through quality work, customer satisfaction, surer profits





SOLVENTS · STARCHES
BLEACHES · BASIC ALKALIES
MERCO SOURS · MERCO-BRITE
COTTON GOODS · NYLON NETS
LAUNDRY and DRY CLEANING SOAPS
COMPLETE EQUIPMENT
FOR BOTH LAUNDRY AND
DRY CLEANING · SPOTTING
AGENTS · LAUNDRY COMPOUNDS
FILTER POWDERS

[Each of these is a warehouse point from which prompt truck deliveries and shipments are made . . . complete supplies and specialized equipment of well known brands and manufacturers . . . plus skilled technical advisory service when and where desired.]

MERCHANTS CHEMICAL CO., INC.
60 East 42nd Street
NEW YORK 17, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER ★ DYER

How can I do a more effective job of Business Paper Advertising— *without using more money?*

TODAY many companies are faced with the need to promote new products and obtain more intensive market coverage without increasing advertising expense. And as usual Mother Necessity provides an answer—better media selection. In applying media to markets and coordinating advertising with sales plans, all investments should be made on the basis of verified circulation information in connection with dependable market data.

The facts by which the advertising value of publications may be judged are given in the reports issued by the Audit Bureau of Circulations. This cooperative and nonprofit association of 3300 advertisers, advertising agencies and publishers—

1

Has established standards, definitions and rules that make it possible to measure, evaluate and compare the paid circulations of published media.

2

Maintains a staff of experienced and specially trained circulation auditors to audit the circulations of publisher members.

3

Issues reports giving advertisers the factual information that is indispensable to economical and effective space buying.

Included in the verified information in A.B.C. reports of business papers is a breakdown of the paid subscribers by occupation or kind of business. Thus advertisers know how much of the circulation goes to the specialized markets in which they are interested, can select media and write copy accordingly.

Other information in A.B.C. reports: How much paid circulation; how much unpaid; where the subscribers are located; what they pay for the publication; whether or not premiums are used; how many subscribers are in arrears; how many subscriptions are renewals.

It is only when media is selected on the basis of such factual information, as provided in A.B.C. reports, that advertisers can be sure of the greatest value for their advertising dollars. That is why this business paper is a member of the Audit Bureau of Circulations. Ask for a copy of our A.B.C. report and then study it.

SEND THE RIGHT MESSAGE TO THE RIGHT PEOPLE

Paid subscriptions and renewals, as defined by A.B.C. standards, indicate a reader audience that has responded to a publication's editorial appeal. With the interests of readers thus identified, it becomes possible to reach specialized groups effectively with specialized advertising appeals.

The NATIONAL CLEANER & DYER

A.B.C. REPORTS—FACTS AS THE BASIC MEASURE OF ADVERTISING VALUE

When writing to advertisers please mention The NATIONAL CLEANER & DYER

If you are a dry cleaner...

(You want to do quality cleaning, at lowest cost.)

the Armour man is the man to see because he and only he has Armour Liquid Driclene!

(It gives you: higher % pass-ups, lower % spotting, fewer recleans and wet cleans. Write him today.)

ARMOUR *Industrial Soap Division*

Armour and Company • 1355 West 31st Street • Chicago 9, Illinois

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Darco Is Death To Fatty Acids!!

There's one sure way to kill off troublesome fatty acids and get clean, sweet-smelling *quality* drycleaning every time—put Blue Label Darco in your filter.

Darco traps all types of residues that foul your cleaning solvent. This means cleaner, sweeter garments; and improved performance from your washer, still, filter and tumbler. What's more, it means an end to the need for special "sweeteners."

See your Darco Distributor now. There's one near you because Darco distributors are everywhere. Write for "Handbook of Solvent Recovery."

DARCO

DARCO—REG. U. S. PAT. OFF.

DARCO CORPORATION

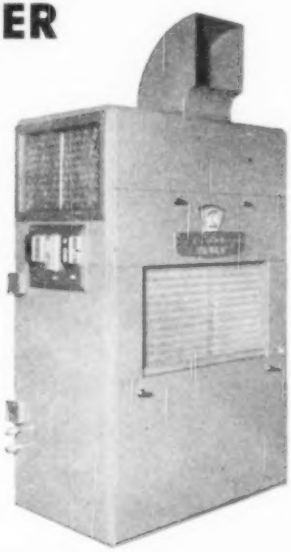
60 East 42nd Street, New York 17, N. Y.

THE 1950 VAULTMASTER

for Fur and Woolen Storage Vaults

- A COMPLETE unit in one BEAUTIFUL cabinet
- Absolute Humidity Control
- Continuous Temperature Control
- Positive Fumigation
- Automatic Refrigeration
- Filtered Ventilation

All of these essential operations of vault conditioning may now be yours in one beautiful marine-blue cabinet. Avoid costly installation expense. Profit from trouble-free operation. Carries Underwriters Laboratory approval for use in fur and woolen storage vaults.



WALTER HAERTEL COMPANY,
2840 Fourth Avenue South,
Minneapolis 8, Minnesota

Send us full description and cost information concerning the 1950 VAULTMASTER.

Send us free copy of the new Fur Storage Insurance Requirements Booklet.

Name

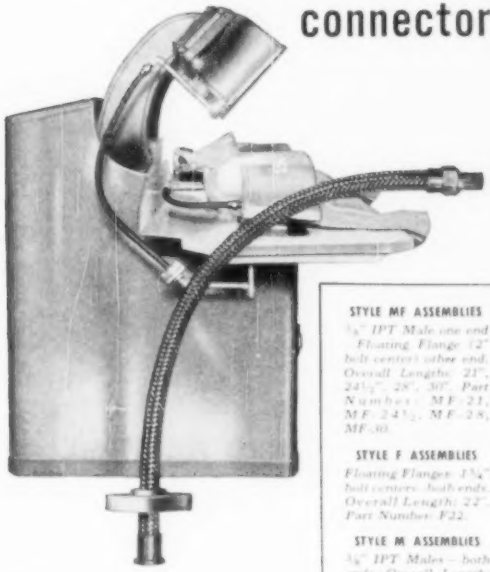
Address

City Zone State

WALTER HAERTEL COMPANY 2840 FOURTH AVE. S., MINNEAPOLIS, MINN.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

*Presstite** means LEAKPROOF flexible connectors



STYLE MF ASSEMBLIES

3/8" IPT Male one end. Floating Flange. 12" bolt centers other end. Overall Lengths: 21", 24½", 28", 30". Part Numbers: MF-21, MF-24½, MF-28, MF-30.

STYLE F ASSEMBLIES

Floating Flanges. 1¾" bolt centers—both ends. Overall Length: 22". Part Number: F22.

STYLE M ASSEMBLIES

3/8" IPT Males—both ends. Overall Length: 24". Part Number: M-24.

FOR MODERN PRESSES

Presstite Connectors will fit practically every modern laundry and garment press. They are made from the same seamless bronze tubing used for steam lines by leading press manufacturers. Deep corrugations give maximum flexibility. An outer covering of bronze wire braid adds strength and durability. Fittings are brass, permanently attached, flanges are of malleable iron.

To replace connectors on modern presses, order Presstite from your regular laundry and dry cleaning supply house.

*Trade-Mark

ON OLD-STYLE PRESSES—get rid of leaky swing joints; ask for Steamtite** Connectors. Made of one-piece seamless flexible bronze tubing, assembled with seamless copper tube and brass couplings. Adaptable to both double and single port presses, and available from your regular supply house.

**Reg. U. S. Pat. Off.

ANACONDA

AMERICAN *Flexible* METAL HOSE

The American Brass Company · American Metal Hose Branch

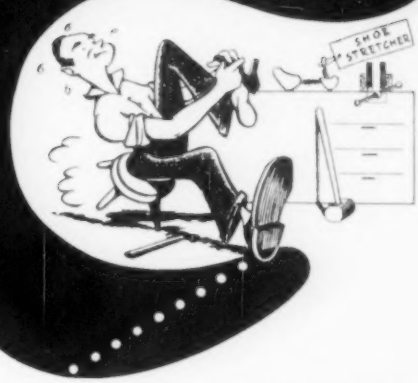
General Offices: Waterbury 88, Connecticut

Subsidiary of Anaconda Copper Mining Company

Throughout Canada: THE CANADIAN FAIRBANKS-MORSE COMPANY, LIMITED

FOR MORE *PROFITS*—

PUT YOURSELF IN YOUR CUSTOMERS' SHOES . . .



If you were Mrs. John Q. Housewife, which would you rather have—

1 Mothproofing that lasts for from 6 months to 5 years

OR

2 Mothproofing that is *guaranteed* and *insured* to last for *15 years*—for about the same cost (often less).

You know what Mrs. Housewife says to that question—the same thing you would say—

"Why take five or less when you can get fifteen?"

From your customer's point of view, that's the big reason for buying Sibur Mothproofing—*15 years of guaranteed, insured protection.*

And from your angle, the reason is PROFITS!

1. Sibur actually costs YOU less.
2. You make EXTRA savings on transportation costs because you get Sibur in concentrated form.
3. You buy Sibur in any amount you want, from one quart of concentrate up. No storage problem.
4. Controlled sale—Sibur is sold only to professional mothproofers, never to retail stores.
5. Sibur is easy to use—just mix with plain water and spray according to simple, easy-to-follow instructions.
6. Sibur gives you insurance protection, less effective preparations do not.

SIBUR DEALERS HAVE A GOOD DEAL—

GET THE FACTS TODAY!

MR. PAUL A. PUMPHREY
SIBUR MOTHPROOF COMPANY
Colorado Springs 3, Colorado

I'd like to know about the good deal that Sibur dealers have.

Please send me complete information.

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

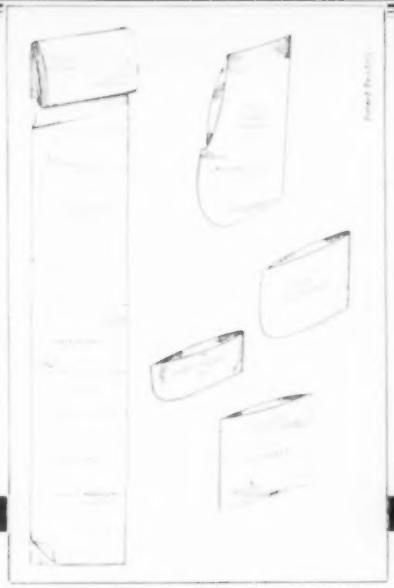
Sibur mothproof company
COLORADO SPRINGS 3, COLORADO

PANTS POCKETING

Now on a Spool
Cut and folded to right width

- **ELIMINATES WASTE**
- **SAVES CUTTING TIME**
- **IT'S GOOD'N HANDY**

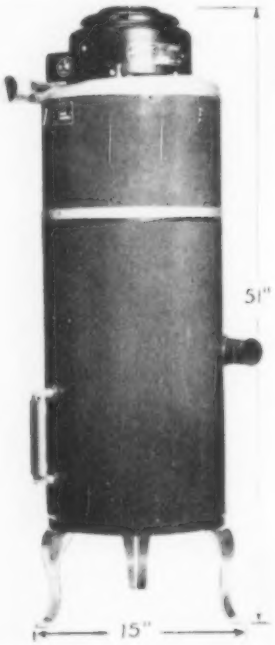
Three kinds—Ivory White, Pearl Gray, Canvas Twill. $3.50—per 10 yard spool. Available Nationally through Distributors or write us direct.



manufactured by

R. D. BUSSARD & SON

505 E. 5TH AVENUE
ALBANY, OREGON



There is a

REMA AIR VACUUM SYSTEM

(THE WHOLE AIR VACUUM SYSTEM IN 1 NEAT PACKAGE)

FOR LARGE PLANTS . . . FOR SMALL PLANTS

See them at BOOTH 600
N I C D CONVENTION, CHICAGO
March 12-15th

- REQUIRES LESS THAN 2 Sq. Ft. OF FLOOR SPACE
- DRIES AND SETS GARMENTS FASTER
- CHEAPER OPERATION . . . USERS REPORT FUEL BILLS REDUCED 25% AND MORE

SINGLE PRESS UNIT FOR UNDER TABLE INSTALLATION ONLY 27" HIGH

ORDER FROM YOUR JOBBER OR WRITE

REMA CORPORATION

NORWALK • CONNECTICUT

"PIONEERS OF THE VERTICAL VACUUM"

When writing to advertisers please mention The NATIONAL CLEANER & DYER

with MORE ORDERS to CLEANERS WHO USE THE NEW

KIDDYKOLOR

GARMENT BAGS

— Great Sales Boosters

Already tried, tested and proven. KIDDYKOLOR bags are now being used extensively by alert cleaners (both large and small) all over the country . . . with amazing success! Every bag is like a page from a giant color book. Result: Children beg for them . . . and mothers respond with more orders to cleaners who use them. That means increased sales to old customers and more new customers. You, too, can profit from the extra advertising and sales-boosting value that KIDDYKOLOR bags offer. New illustrations printed periodically to keep them up to date. Sold on exclusive basis for towns, cities, and/or trading areas. Free newspaper ad mats and handbills for tie-in promotion. Write, wire or 'phone for samples and prices today.

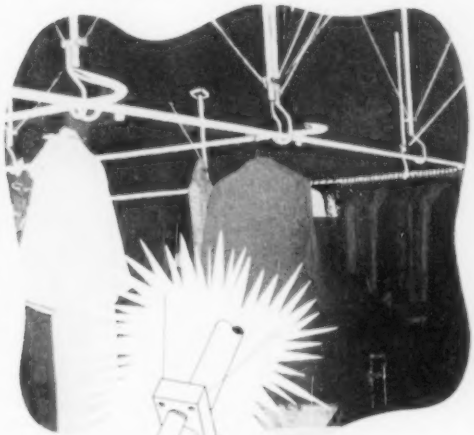
FREE NEWSPAPER AD MATS HANDBILLS

KENNEDY CAR LINER & BAG CO., INC.
SHELBYVILLE, INDIANA

DO IT YOURSELF

with TIME SAVERS PRE-ENGINEERED

"HI-SPEED" RAIL FITTINGS!



Above—Actual "HI-SPEED" Installation.

Left—Suspension Set consisting of:

Adjustable Clamp

Rail Hook

Flush Coupling (with right and left threads for easy assembly).

It's no trick to install your own Speed Rail system when you use Time Savers "HI-SPEED" Rail Fittings. Forget welding, tapping, threading and drilling. Time Savers Flush Coupling is the magic key to flexible construction. Sturdily designed with bored hole for rail hook—no welding of hook to line. Simply insert flush coupling into pipe ends and screw up tight against shoulders of coupling for perfectly smooth, strong unions. Easily installed—easily taken apart.

Switch-in, switch-off with our ready-made switches and branch-ins. "HI-SPEED" insures the routing of work in your laundry or cleaning plant with the precision and flexibility of a railroad yard, saving your precious dollars.

Send us your layout today for free estimate. Our engineering dept. will make necessary suggestions without obligation.

"HI-SPEED" Rail Fittings—sold by the better jobbers.

☐ Send your "HI-SPEED" Manual.
☐ Send your latest catalog.
Name _____
Firm Name _____
Address _____
City _____ State _____
Name of Jobber _____

PIONEERS IN PRE-ENGINEERED FITTINGS.

© Time Savers, Jan. 1950

TIME $AVER$
Montclair, N. J.

When writing to advertisers please—

PRECISION BUILT...
Over 8,000 Machines in Use!

NATIONAL
LEVER PRINCIPLE HAND MARKING MACHINE

THREE STYLES
6, 8 or 10 character

THREE TYPE SIZES
12, 15 or 18 point

Metal type, under pressure, comes in direct contact with the goods . . . the *only* means that insures clear, permanent, legible marks on rough surfaced goods like bath towels.

Automatic type aligning device — insures clear, straight marks.

Ink pad covered except when inking type—prevents ink drying out.

Indicator strips on both sides of each typesetting lever—assure speed and accuracy.

Precision parts made of carbon steel, high strength gray iron, bronze, brass and special alloy steel—assure trouble-free operation, longer, more economical service.

THE NATIONAL MARKING MACHINE CO.
4026 Cherry St. Cincinnati 23, Ohio

• ***NO OTHER MACHINE has all these features!***
Call your NATIONAL distributor.

SPECIALISTS IN BUNDLE AND GARMENT IDENTIFICATION AND OPERATING SYSTEMS

Leffel Boilers for Cleaners and Dyers

NEAT . . . COMPACT . . . SAFE . . . RELIABLE

OIL or GAS FIRED

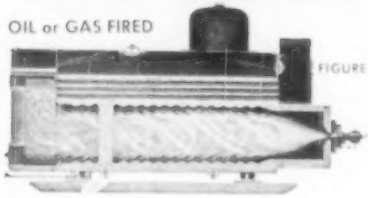


FIGURE 2

HAND FIRED COAL

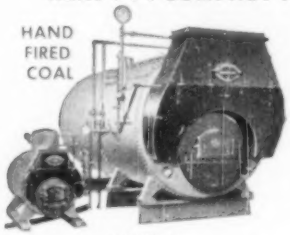


FIGURE 1

STOKER FIRED

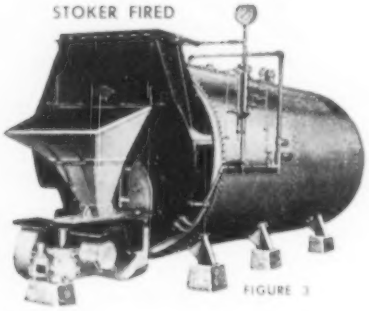


FIGURE 3

GENERATE DRY LOW-COST STEAM WITH THE PROVEN SERVICE AND SAFETY OF THE LEFFEL SCOTCH-TYPE BOILER, WITH COAL, OIL OR GAS.

Not a one-fuel boiler—but readily adapted for burning Coal (either hand-fired [Fig. No. 1] or with the specially-designed Leffel Automatic Underfeed Stoker). (Fig. No. 3.)

The Leffel Boiler can also be quickly changed to fully or semi-automatic Oil or Gas firing. (See Fig. No. 2)

Backed by 88 years of boiler building experience—thoroughly proven—beyond the experimental stage!

Available in sizes 6 HP. to 250 HP., these are normal standard commercial (NOT INFLATED) ratings—and these boilers are generously designed for Overload capacity. Built with Plus qualities exceeding ASME and State Boiler Code requirements.

Write—Wire—or Phone us for full particulars.
BULLETINS SENT ON REQUEST

Leffel Boilers are Standard Equipment in many thousands of successful and profitable installations where production of dry, low cost steam is a Prime Necessity. Scotch-Type Boilers can be SUCCESSFULLY Stoker Fired. (See Fig. No. 3) We build stokers exclusively for Scotch-Type Boilers.

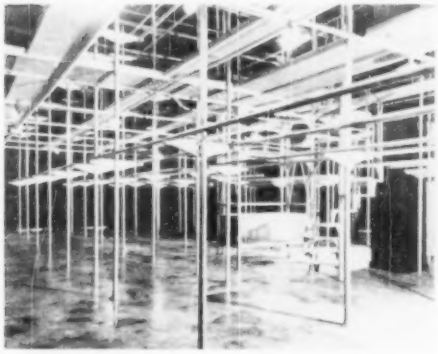
THE JAMES LEFFEL & CO.
Established 1862

Box CD — Springfield 99, Ohio

When writing to advertisers please mention The NATIONAL CLEANER & DYER

IT'S NOT WHAT YOU DO BUT THE WAY THAT YOU DO IT . . .

PROPER ARRANGEMENT OF RACKS CAN HELP YOU GET THE MOST OUT OF AVAILABLE STORAGE SPACE



Multiple tier installation with walkways, stairways and hoist.

THE Market Forge Company, originators of Standardized Storage Rack Equipment with the "MAFORCO" trademark provides a Free Consultation Service to answer your fur storage problems. *Without obligation*—our engineers will come into your plant, analyze your equipment needs so that you will have the best proper arrangement of racks for the number of garments stored.

FEATURES OF FUR GARMENT MAFORCO STORAGE RACK EQUIPMENT

- Utmost Simplicity
- Economy of Arrangement
- Low cost of Equipment and Installation
- Allows for Rearrangement or Relocation to Suit Changing Requirements
- All Parts Well Finished (No injury to garments)
- Simple Loading and Unloading
- Parts Not Attached to Building—Planned to be Self-supporting
- Equipment Hot Galvanized After Fabrication—a satisfactory proven finish

WHETHER YOU ARE PLANNING TO INSTALL A COMPLETE NEW STORAGE DEPARTMENT OR ADD HOIST INSTALLATIONS—MULTIPLE TIER OF WALKWAYS—WRITE US FIRST FOR COMPLETE INFORMATION—OUR CONSULTING SERVICE DIVISION IS AT YOUR DISPOSAL

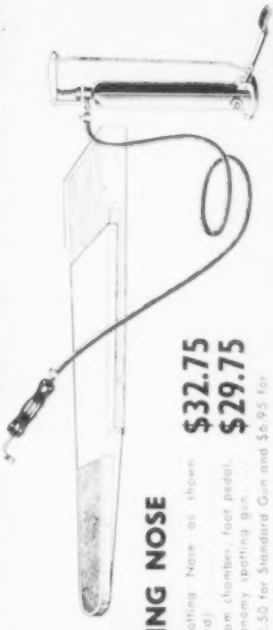
Complete line of accessory and allied equipment available including Garment Trucks, Muff Racks, Rug Storage Racks, Packing Tables.

Write us—it will be worth your while.

MARKET FORGE CO.

EVERETT 49 • MASSACHUSETTS

FOUR EASY STEPS MAKE YOUR OLD BOARD A MODERN SPOTTING UNIT



WITH THE ALL-IN-ONE SPOTTING NOSE

Complete Spotting Nose as shown (without board) **$32.75**

New type steam chamber, foot pedal, hose and Economy spotting gun (add $2.50 for Standard Gun and $6.95 for Moisture Control Gun) **$29.75**

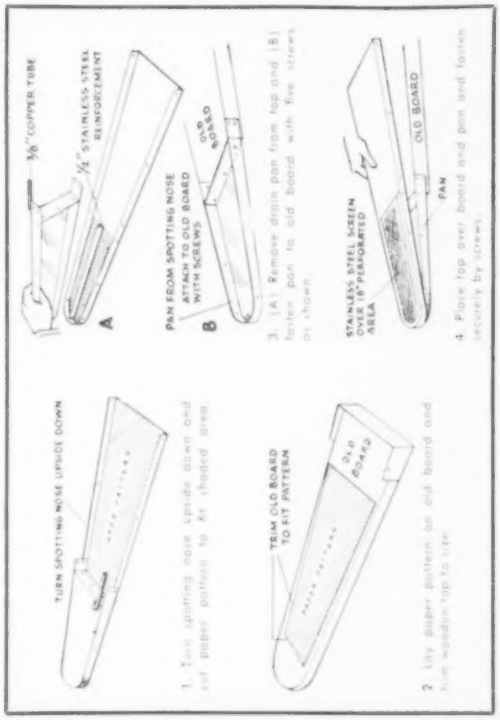
Spotting Nose with 2 inch Board and chemical tray **$42.00**

★ All stainless steel except drain tube. 18 inch perforated area covered with stainless steel screen and reinforced with ½ inch double strip.

If Your Jobber Can't Supply You write—

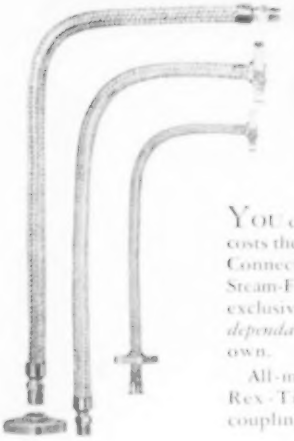
NEWHOUSE CO.

1125 East Colorado Blvd., Glendale, Calif.



When writing to advertisers please mention The NATIONAL CLEANER & DYER

Short Cut TO MAINTENANCE SAVINGS



press connectors

YOU can trim press room maintenance costs the easy way with Steam-Flex Press Connectors. Top quality bronze used in Steam-Flex, plus corrugation-forming the exclusive CMH way, assures you of long, *dependable* life on every steam press you own.

All-metal, packless construction and Rex-Tite Heatproof Reattachable couplings are your assurance of freedom from steam or condensate leaks . . . And there is no aging or deterioration from heat or pressure with Steam-Flex! Installation of Steam-Flex is quick and simple, too. No special tools or skill required for replacing old connectors with reliable *bronze* Steam-Flex.

Write for details on Steam-Flex Flexible Metal Press Connectors today!

Steam-Flex type flexible metal hose is also available in cut to mill lengths with Rex-Tite Heatproof Reattachable couplings to fit your shop's needs. Packaged work reels for installation are available for most types of steam presses.

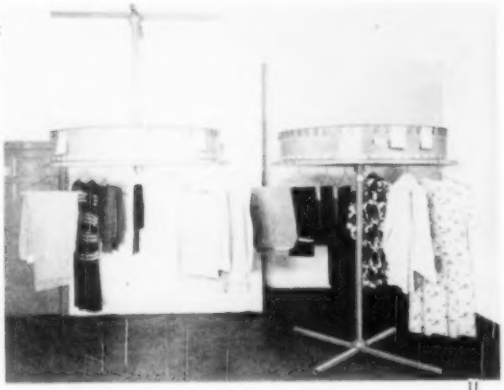
Flexible Metal Hose for Every Industrial Use
Shipment from stock

CHICAGO METAL HOSE CORPORATION
MAYWOOD, ILLINOIS

Plants: Maywood, Elgin and Rock Falls, Ill.
In CANADA: Canadian Metal Hose Co., Brampton, Ont.

ASSEMBLY REELS FOR DRY CLEANERS

SAVE ONE *OR MORE* CHECKERS



REVOLVES WITH FINGER TIP CONTROL

Wide metal band makes substantial backing for checking lists. ● Large Timken Bearing, same size top and bottom so that spindle may be inserted top or bottom for floor or ceiling installation. ● Leveling screws in each end of base spider makes it easy to level reels so that a heavy load on one side will not revolve the reel away from a checker. ● Each reel has 50 divisions, one reel numbered 1 to 50 and one reel numbered 50 to 100, makes a complete unit or we can double number a single reel to make a complete unit for the smaller plant. ● Reels are shipped complete with numbers and clips for holding the lists. Width 50 inches. Height 62 inches to hanger bar.

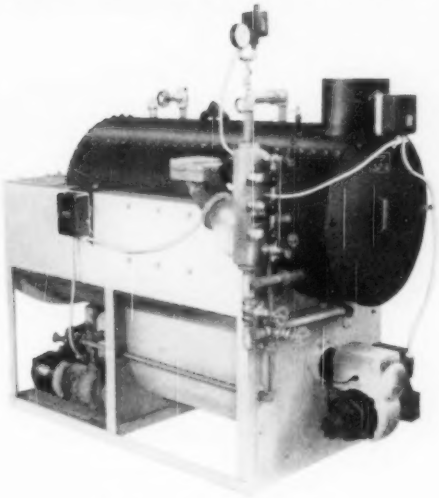
PRICE REDUCED TO $95.00 EACH

PURKETT MANUFACTURING CO. 325 East 3rd Street, JOPLIN, MISSOURI

When writing to advertisers please mention The NATIONAL CLEANER & DYER

BUY the Boiler that's Proving its LOW COST

THE COLUMBIA HRT



LOW FIRST COST
LOW OIL CONSUMPTION
LOW MAINTENANCE
HIGH STEAM OUTPUT

If lost steam dollars are eating away profits, the Columbia HRT is the boiler for your plant—because in this compact automatic unit, is built high operating efficiency based on a design that has proved itself over the years.

Construction of the HRT is of the best materials—and in addition, engineered simplification of design and construction have resulted in cost-saving advantages which benefit you. As a result, the HRT has greater heating surfaces than are usual in the same rating; the large combustion chamber permits over firing; the tubes are completely submerged for longer life; a special factory-installed refractory and insulation minimizes heat loss from the combustion chamber—plus safety controls, easy access to tubes for cleaning, and other practical features.

The Columbia HRT operates with any conventional type oil burning equipment, which simplifies service.

Made in 3, 6, 10, and 15 HP ratings at 15 or 100 working pressures, the HRT is available with built-in condensate return system and feedwater pump.

The Columbia HRT can help stretch your steam dollars—take the first step—get in touch with us today.

COLUMBIA BOILER COMPANY
POTTSTOWN, PA.

ARE YOU SATISFIED WITH YOUR PRESENT INCOME?

If you're not, investigate the Berlou "Profit-Builder" Plan that last year added $1,000 to $5,000 EXTRA NET PROFIT to over 10,000 United States and Canadian firms.

Yes, Berlou's "Profit-Builder" Plan can help you build up your service business and boost your over-all profits, because people appreciate a Berlou 5-year guaranteed mothproofing job. And you'll like Berlou's liberal cooperative advertising plan, national advertising campaigns, and free sales aids because they bring new customers and help hold old ones.

Make life easier and more profitable for yourself—send for your free copy of Berlou's "Profit-Builder" Plan TODAY!

BERLOU MANUFACTURING COMPANY
35 Blaine Avenue
Marion, Ohio

MAIL THIS COUPON NOW

Berlou Manufacturing Company
35 Blaine Avenue
Marion, Ohio

Gentlemen: Of course I want to make more money. Send me Berlou's "Profit-Builder" Plan.

Name _____

Address _____

City _____ Zone _____ State _____

When writing to advertisers please mention The NATIONAL CLEANER & DYER

YOU CAN DO QUALITY FUR CLEANING —SIMPLY, DEPENDABLY, PROFITABLY

FUR FINISHING and CLEANING IN YOUR PLANT

with the *Lusterway** PROCESS

and the

Lusterway

FUR FINISHER

simple, sure, low - cost method makes YOU an expert at preserving brilliant, new-like

FUR BEAUTY

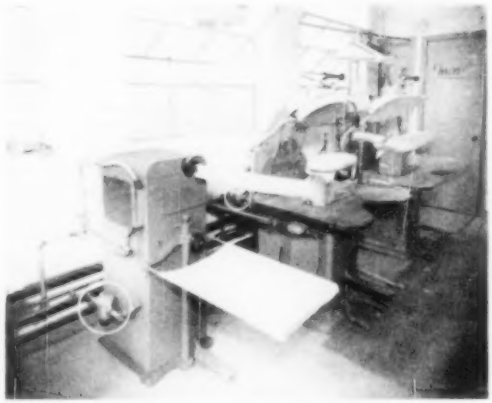
The most precious fur coat can be cleaned in your shop—without expensive equipment, without long training period, without risk. And without obligation, we'll show you how to add substantial and regular revenue from fur cleaning and fur finishing. Today—ask us to tell you of the perfection, profits and prestige you can have with the aid of LUSTERWAY*.

WRITE direct—or ask your jobber

*Reg. U. S. Pat. Office

ROOT & CO.
11 IONIA AVE., SW
GRAND RAPIDS 2, MICH.

HERE'S HOW GOOD STEAM TRAPPING PAYS OFF



33 1/3% FUEL SAVING with Armstrong Unit Trapping—Peerless Laundry Services, Ltd., Los Angeles, Calif.

$59.62 FUEL SAVINGS per month at Wisconsin Cleaners, Milwaukee, Wisconsin, since installing 14 No. 300 Armstrong steam traps. The price of the traps is repaid seven times per year!

COAL CONSUMPTION CUT 20%. Production up 30% as a result of individually trapping each unit with Armstrongs at the Peabody Steam Laundry, Peabody, Massachusetts.

Send for This Bulletin

Armstrong Bulletin No. 193 explains why Armstrong steam traps accomplish results like those listed above. Free of ballyhoo, this facts-and-figures booklet, complete with trap sizes, prices and recommendations, may show you the way to make real savings.

ARMSTRONG MACHINE WORKS
832 Maple St., Three Rivers, Mich.

ARMSTRONG STEAM TRAPS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

"Start 1950 with the THRIFTY COMBO CHECKER-BAGGER"

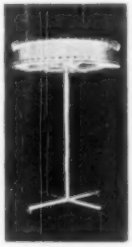
The Combo Checker-Bagger greatly reduces your labor costs and increases the efficiency of your operations. These 5-in-1 features make this possible: a checking desk, bag storage unit, and a garment bagger—all in one! You can now check-out and bag garments in 9 seconds! Truly a small investment for the time and dollars saved!

- All garments bagged easily in a few seconds
- Prevents bag wastage due to soiling
- Eliminates need for a check-out desk
- Constructed of aluminum tubing with sturdy metal desk surface
- Hanger-arm adjustable to any height—step on foot-lever to release

Lower bag—short or long from hands overhead rack—garment is bagged in seconds.

SAVES Time, Money, Effort

Price **$59.50** (model CCB) F.O.B. CHICAGO
with casters—**$64.50**



"Another Thrifty for '50!" The RODI-REEL

- Saves time and labor in sorting and assembling
- Revolves with absolute ease—especially designed ball bearings
- Adjustable screws at base to fit uneven floors
- Each reel can be divided into 50 or 100 divisions
- Each reel already numbered and fitted with clips

$82.50 F.O.B. CHICAGO

New Yorker Shirt Unit

Ten years of research has produced the "New Yorker" line of air operated laundry finishing presses. These smooth, fast, powerful presses give you quick economical pressing. Write for information.

Information Furnished Upon Request

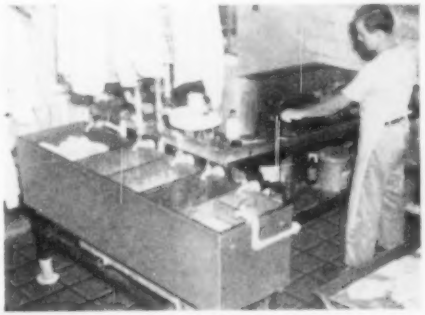
RODIN MACHINERY COMPANY
A DIVISION OF RODIN BROS. CO.
930 E. 43rd St., Chicago 15, Ill. • Ph. WAgner 4-3300

MR. DRYCLEANER

DO INEFFICIENT, COSTLY METHODS

FRIGHTEN YOU?

THEN, do something about it! Get in touch with us today and let us tell you about VIRGINIA GREENSTONE for acid-resisting, non-skid floors and for most any kind of wet cleaning tables, tubs, etc. A line from you will bring full details on this remarkable material.



MODERN WET CLEANING EQUIPMENT

Scrubbing Tables, Rinsing & Soaking Tubs
Constructed of acid resisting VIRGINIA GREENSTONE are efficient, economical and designed especially for the trade. To assure safe, dry working spaces without the use of unsanitary wooden racks use

VIRGINIA GREENSTONE *"Non-Skid"* FLOOR TILES

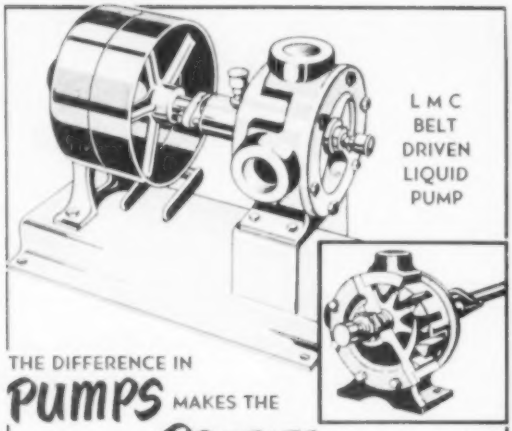
Inquire today for Facts

VIRGINIA GREENSTONE CO., INC.
BOX 897, LYNCHBURG, VIRGINIA

Gentlemen:
Please send full details on your Virginia Greenstone products:

Name
Address
City State

When writing to advertisers please mention the NATIONAL CLEANER & DYER



LMC BELT DRIVEN LIQUID PUMP

THE DIFFERENCE IN **PUMPS** MAKES THE DIFFERENCE IN **PROFITS**

The inset above shows the internal construction of the LMC Liquid Pump.

Check the difference in the cost of the LMC Liquid Pump and of other leading brands . . . check the performance records and the no-build service LMC offers. All add up to greater cleaning and dyeing profits for you. Ask your supply dealer or write direct.

Dealers Wanted!!

INTERCHANGEABLE WITH ALL LEADING PUMPS

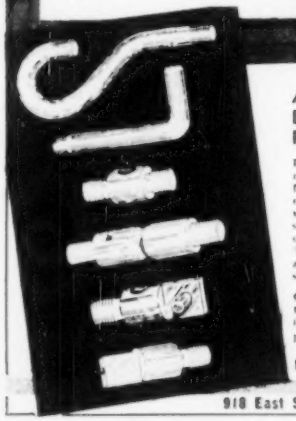
LUBBOCK MACHINE CO., Inc.

BOX 1138 LUBBOCK, TEXAS PH. 4631

SEE!
DAHLBERG'S NEW POWER DRIVEN REVOLVING GARMENT CONVEYOR

On Display at Booth No. 767 NICD Convention

Saves time! Increases production! Easily installed! Lower maintenance cost assured! Goes around curves . . . upstairs or down!



Also SEE
DAHLBERG'S SLICK RAIL FITTINGS

Easy to install! No welding necessary! They form perfect flush joints. Hooks which are easily installed from ceiling or walls. With the use of our switches, gates, breaks, drop-offs, examiners, and common ¾-inch pipe, you can have a very efficient, satisfactory slick rail system.

Construct it yourself! No need to shut down plant. No costly installation.

Patents applied for.

DAHLBERG MACHINERY CO.

918 East Superior St., Duluth 2, Minn.

HEXAGON PRODUCTS
THE QUALITY LINE AT REGULAR PRICES

FOR THE FINEST
PRESS PADS AND COVERS
AMERICA'S BETTER CLEANERS
COME TO
STADHAM

PADS	COVERS
Knit	Drill-Sateen
Flannel	Cover Cloth
Nylon Flannel	Tan Moleskin
Jomac	Nylon

Write for name of your nearest distributor

STADHAM COMPANY, INC.
HEXAGON DIVISION
1825-31 N. 20th ST., PHILA. 21, PA.

SONOMOR
STRAIGHT STEEL PINS

'TOPS in QUALITY

SONOMOR
STEEL SAFETY PINS

TOPS in SERVICE

SONOMOR
WIRE GARMENT HANGERS

TOPS in ECONOMY

More and more laundries and dry-cleaners are standardizing on Prym SONOMOR pins and hangers.

More and more bulk users are coming to appreciate Prym's dependable quality, service and economy.

Prym pioneered pins made of steel, and Prym enameled quality garment hangers are unsurpassed.

Insist on Prym's SONOMOR QUALITY.

For Brass Pins of QUALITY . . . Prym's Aristocrat.

William **PRYM** INC.
DANBURY, CONNECTICUT

When writing to advertisers please mention The NATIONAL CLEANER & DYER

WOLVERINE

Synthetic Drycleaning Systems

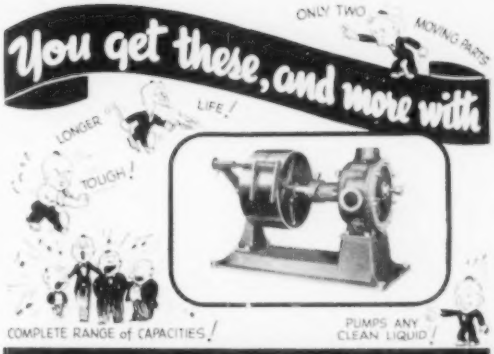
Fast, top-quality cleaning at a saving

Stainless Steel filter, storage tank, cylinder and still eliminates corrosion.

TOTALLY ENCLOSED • ODORLESS

WOLVERINE SALES COMPANY

Belding, Mich.



VIKING PUMPS

That's right . . . with a Viking, you get a tough, rugged pump, one with long life, one with only two moving parts, one that will pump cleaner's solvents and the most complete range of capacities, sizes and styles from which to choose. But added to this, you get . . .

Self priming (no added gadgets)
Smooth, even discharge
Low speed—long life
And a dependable pump that is built to do the job intended.

With a Viking, you get the right pump for the job. Ask for free folder 500Q and 200Q today.

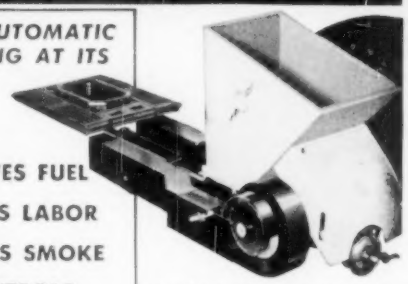
VIKING
AN HONORED NAME IN PUMPING

See Our Exhibit in Booth

Viking PUMP COMPANY
Cedar Falls, Iowa

THE DEPENDABLE CLEANERS' STOKER

FOR AUTOMATIC HEATING AT ITS BEST



1. SAVES FUEL
2. CUTS LABOR
3. ENDS SMOKE
4. CONTROLS TEMPERATURE

Free Booklet on request

Send today for amazing proofs of fuel and labor savings made by Winkler Stokers . . . see how your investment in a Winkler will pay a sensationally large return—actually pays for itself in fuel savings alone.

WINKLER

fully automatic STOKERS

Only Winkler has this fully automatic transmission.

U. S. MACHINE CORPORATION

SYNDICATE *Advertising Service*

WRITE FOR FREE SAMPLE

—if you advertise in newspapers you should see the

LAUNDRY AND CLEANERS MAT SERVICE

This service gives you mats of illustrations drawn by leading artists. Each issue is carefully merchandised to cover seasonal promotions, with well written copy and layouts.

Plenty of hand-lettered headings and borders, as well as small "spot" cuts and photos!

If you are ready to advertise for increased business, this service can be useful to you.

Executives may write today for free samples, on your company letterhead, and state your title.

(Because of the large cost of each sample, letters from individuals and postcard requests cannot be answered)

COMPANY .....

NAME .....

CITY .....

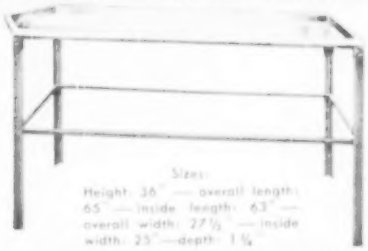
Mail to **VINCENT EDWARDS & CO.**

World's largest advertising service organization

342 Madison Avenue New York City

it's WHITE *for lifetime...*

DRYCLEANING & LAUNDRY EQUIPMENT



Sizes:
Height: 36" — overall length: 65" — inside length: 63" — overall width: 27½" — inside width: 25" — depth: 1¼"

IT'S THE WORLD'S BEST WET CLEANING TABLE!

AT ONLY $69.50 F.O.B. NEWARK

There is no substitute for smooth stainless steel for wet cleaning tables. WHITE wet cleaning tables resist acid, cleaning fluids, steam and water perfectly. Their rugged construction assures a lifetime of service. Rounded corners prevent garments catching. GUARANTEED for a year against defects in material or construction.

Send for details. If your jobber cannot supply you, send us his name or write direct.

WHITE Machine Company

104-106 Livingston St. Newark, N. J.

Now... ADD TO YOUR PROFITS

...give your customers EXTRA SERVICE

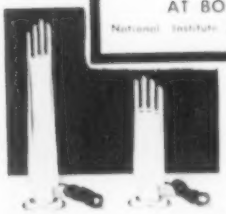
WITH A **JANET** NECKTIE PRESS

PRESS TIES LIKE NEW with smooth rounded edges . . . faster! Your customers will be pleased and your business will increase! A JANET Press is easy to install, simple to maintain, fits all ties, easy to operate. Price $120 F. O. B. Minneapolis.

SEE . . . THESE PROFIT *Builders*

AT BOOTH 736 NAVY PIER

National Institute of Cleaning and Dyeing Convention—Chicago



New... **JANET GLOVE FORMS**

ELECTRIC OR STEAM heated glove forms for both ladies' or men's gloves. Price $30 each F. O. B. Minneapolis.

SEE YOUR JOBBER OR WRITE FOR BULLETINS

ASK FOR BOB HEINZ WHEN YOU GET TO NAVY PIER

SHEDLOV-HEINZ MANUFACTURING CO.
15-8 Wilder Street, Minneapolis 1, Minn.

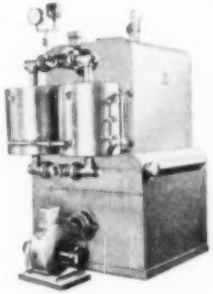
Put the STEAM in your business

For Faster, Better, Lower Cost Boiler Performance

MORHEAT STEAM GENERATOR
(Water-Tube Boiler)

Power House Efficiency For All Users of Steam

- Fully Automatic
- Compact Design
- Gas or Oil Fired
- Available in 5 HP to 30 HP Capacity



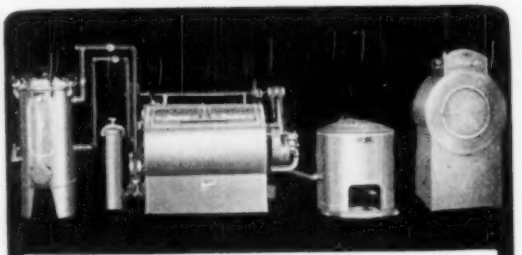
Phone or Write for Facts Today!

A Complete Line of Machinery for Dry Cleaners.

Distributors for the MORHEAT CORP.

BRONX PRESSING MACHINE CO.
3623 Third Ave. N.Y. 56, N.Y.
TOpping 2-2884-5721

We Deliver • We Install • We Service • We Guarantee



WRITE NOW FOR QUOTATION

Twenty-three years of successful manufacturing experience devoted to assembly line, low cost production of dry cleaning unit systems is a prime reason why you should write for a quotation from Standard NOW.

WRITE FOR FOLDER NC50

Standard **LAUNDRY & CLEANING MACH. CO.**

6900 Maple Avenue, P. O. Box 7251, Dallas, Texas
Phone Dixon 4-1742 & 43

MANUFACTURERS OF COMPLETE DRYCLEANING EQUIPMENT: TUMBLERS, EXTRACTORS, FILTERS, AND DRYCLEANING WASHERS

When writing to advertisers please mention The NATIONAL CLEANER & DYER

A Shirt Tale for Cleaners
—with plants servicing

SHIRT LAUNDERING

You can obtain and maintain a reputation for superior standards of work by using the original, time-tested

SPEARE'S BLUES

They insure on every wash load the four essentials—Sparkling Brilliance, Complete Rinsibility, Even Distribution and Uniform Quality.

SOLBLUE—all purpose
SEABLUE—sour
SUNBEAM—non sour
HYWHITE—all purpose

Order from your jobber or direct, Dept. N.3

LEWIS NATIONAL CORP.
29 SLEEPER ST. BOSTON 10, MASS.

Columbia

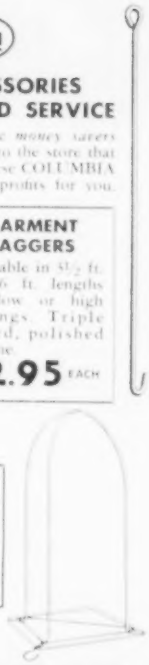
LOW COST ACCESSORIES TO SPEED SALES AND SERVICE

Step savers and time savers are *money savers* . . . AND customers come back to the store that offers quick, efficient service. These COLUMBIA accessories cost little, but earn profits for you.

COUNTER RACK
A great convenience in the busy store. Keeps counters clear and saves garments from wrinkles. Triple plated, polished chrome.
$4.95 EACH

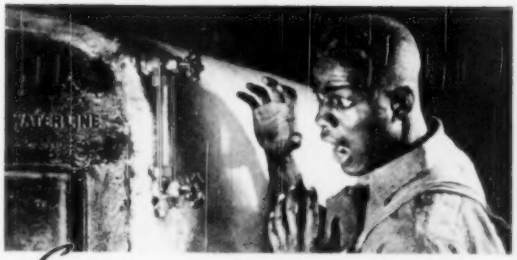
GARMENT BAGGERS
Available in 4½ ft. and 6 ft. lengths for low or high ceilings. Triple plated, polished chrome.
$2.95 EACH

HANGER STAND
Solves the problem of tangled hangers—1¼ in. galvanized wire construction.
$1.95 EACH



Ask your jobber or write direct to

COLUMBIA APPLIANCE CORPORATION
8-16 43rd AVE., LONG ISLAND CITY 1, N. Y. • PHONE: Stillwell 4-1922



Sam, you better SCRAM!

Scram is the word when the water glass goes dry, but a still better idea is to protect the boiler from low water with

McDONNELL
Boiler Water Level Controls

No. 51-2 Feeder-Cut-off Combination for boilers with more than 5000 sq. ft. capacity, maximum steam pressure, 35 lbs. Other types for all services.

No. 157 new type of low water cut-off, pump control and low water alarm for boiler pressures up to 150 lbs. Note convenient integral water column. Types for all conditions.

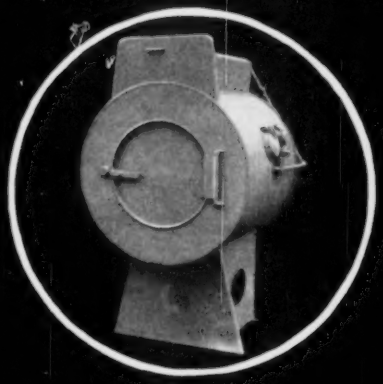
Two typical controls are illustrated here. There is a McDonnell Boiler Water Feeder, Low Water Cut-off, Pump Control, or combination control for steam boilers of every make, size, or pressure up to 150 lbs. Write for information covering *your* conditions.

See us at Booth 110 Navy Pier, Chicago, March 12-15

McDONNELL & MILLER, INC.
1328 Wrigley Bldg., Chicago 11, Ill.

Thirty One MM *Thirty Well*

GAS OR STEAM HEATED TUMBLER



Fast drying service, brings in new customers.
Increases your drying capacity.
100% V-belt drive, no gears, no chains.
All ball bearings packed in grease.
Increased production pays for tumbler.

MARVEL MANUFACTURING COMPANY
113 Live Oak Street San Antonio, Texas

When writing to advertisers please mention The NATIONAL CLEANER & DYER

BEAUTIFUL
LEATHER CLEANING

Send us your garments

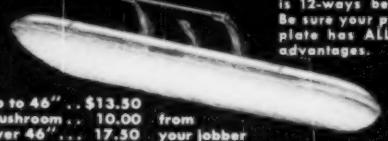
KIRK-REED, INC.
421 S. WINCHESTER AVE., - CHICAGO 12, ILL.

KIRK'S 7320 MELROSE AVENUE LOS ANGELES 46, CALIF.

GROSS STAR
aluminum GRID PLATES

PRICED RIGHT COST NO MORE GIVE 12-TIMES MORE

Only GROSS STAR is 12-ways better. Be sure your press plate has ALL 12 advantages.



up to 46" . . $13.50
mushroom . . 10.00 from
over 46" . . . 17.50 your jobber

L. BEHRSTOCK CO. 1708 S. State St. Chicago 16, Ill.

Be sure it's Genuine

EXCELL-O* RIBBON

For These Excellent Reasons:

Easy to Tie · Economical to Use · Wide Range of Colors · Brilliant Lustre · Guaranteed Yardage

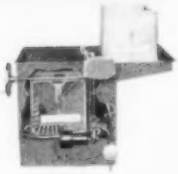
Made of Du Pont Cellophane — comes in the handy self-dispenser package

Your jobber can supply you

DIPS GARMENTS IN WATER REPELLENTS

2 to 4 TIMES FASTER!

Increase your profits with this fast, efficient Speedux Dipmaster. Its output is *double* that of any other make! With second basket, output is *4 times greater!* Features thorough, 3-way agitation. Reversible aluminum cover may be used as scrubbing board. Hands need not touch solution.



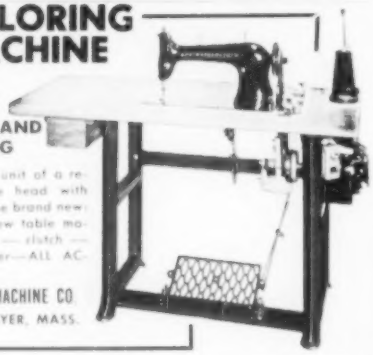
Two Models—Senior (Illustrated) and Junior

Ask Your Distributor or Write To

DEVERE COMPANY
Racine, Wisconsin, U. S. A.

TAILORING MACHINE

FOR ALL PLAIN SEWING AND TAILORING



we offer this unit of a rebuilt machine head with everything else brand new: —includes new table motor — stand — clutch — bobbin winder—ALL ACCESSORIES.

CHANDLER MACHINE CO.
WEST ST., AYER, MASS.

SPEEDS-IT

Pre-Spotter

Works wet or dry

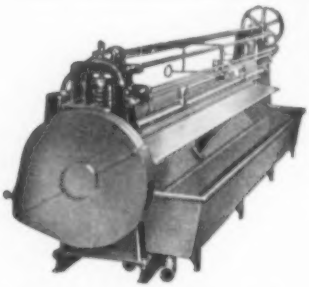
Gal. $3.25

4 Gal. Case $12.00

Nationally Advertised Proven Sold

Call your distributor or order direct

GG CHEMICAL COMPANY
DRY CLEANING SOAPS AND SPOTTING AGENTS
Hopewell, Va.

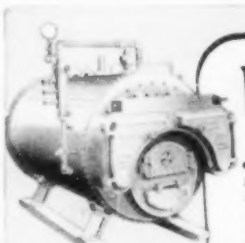


The Bertsch Rug Wringer

REDUCES
- Labor 70%
- Power 75%
- Dry Room Heat 80%
- Water use 75%

FACTS
- Heavier materials
- Better materials
- Delivers more pressure
- Extracts more water
- Lower machine cost
- Long life
- Less maintenance than other Wringers

BERTSCH & CO.
CAMBRIDGE CITY • INDIANA •



TROUBLE-FREE

KEWANEE SCOTTIE JR

• For 6 to 36 H. P. at 100 lbs. W. P. Like a steel bridge you can't wear it down. Every part is accessible and it's easy to handle. *Truly trouble-free* and economical to operate. For Oil, Gas, Coal.

KEWANEE BOILER CORPORATION
KEWANEE, ILLINOIS

For 6" Scale with pipe diameter markings—WRITE Dept. 99-G2

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Now with a major improvement

★ SPRING STEEL Clamping Body
Specially Tempered and Highly Flexible. Fits All Presses and Press pads.

★ POWERFUL SPRING—now operates more efficiently on a straight line guided by a new link.

★ FLAT CLAMPING BODY—Cloth-covered —renewable.

MANUFACTURED AND DISTRIBUTED SOLELY BY

AMBER MANUFACTURING CO. 607 SO. UNION AVE., LOS ANGELES 14, CAL. Inventors—Manufacturers—Distributors

THE ORIGINAL
AMBER PRESS CLAMP

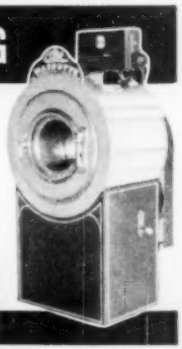
PRICE $5.95

ACCEPT NO SUBSTITUTES — BUY ONLY THE ORIGINAL AND THE FINEST. IT COSTS NO MORE!

CONTROLLED WASHING

Cook **WASHETTES**

- Stainless Steel Construction
- Clear Vision Door
- Front End Loading
- 25 lb. and 49 lb. Capacity
- Write Today for Details



Cook MACHINERY SALES CO.
1831 CLARENCE STREET • DALLAS, TEXAS

Dutton **BOILERS**
SINCE 1880

ECONOMIST
GAS—OIL—HAND—STOKER

The time-tested HRT type modernized by Dutton into one fully portable unit. Bricked and insulated in steel case at factory; no special foundation needed. High efficiency and low fuel cost. Write for catalog.

Nationwide sales and service engineer organization.

HOT WATER AND STEAM GENERATORS FOR HEATING, PROCESSING OR POWER
THE C. H. DUTTON COMPANY
607 GIBSON ST. • KALAMAZOO, MICHIGAN

Rainbow Dye Works
109 South 16th Street, Louisville 3, Ky.

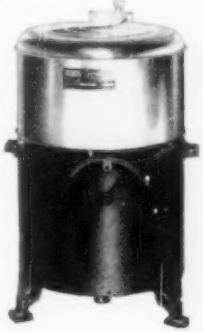
25 years in Louisville under the same management.

WHOLESALE DYERS OF

RUGS and CARPETS

Wool Rugs 11c per Sq. Ft.
Cotton Rugs 13½ per Sq. Ft.

Satisfaction GUARANTEED to you and your customer or dyeing charges refunded. Write for Samples, Mailing Aids, etc.
Our process insures beautiful shades, fast to future cleaning or shampooing.



BOCK
EXTRACTORS

The most efficient time and money saving Extractor on the market.

Made in 15", 17" and 20" sizes.

Send Us Your Inquiry.

BOCK
LAUNDRY MACHINE CO.
TOLEDO, OHIO

SOLICITING YOUR SUEDES

RENARD'S
Suede & Leather Cleaners & Redyers
741 Madison Ave. (at 64th)
New York 21, N. Y.

Renard's

FROM NEW YORK TO HOLLYWOOD

Redyeing and cleaning of all your fine suede things . . . by an expert! Fresh, colorful beauty for your suede coat, weskit, suit, handbag or gloves. Careful, tested method. You will be thrilled with the clear, glowing colors and new appearance your fine suedes take on when received by . . .

TESTED METHODS
WRITE FOR WHOLESALE RATES

THE FIRST BIG IMPROVEMENT FOR REMOVING **LINT** *WITH A "NEW-LOOK" FINISH ON YOUR GARMENTS*

FAST & SANITARY

Weighs but 3½ lbs. Perfectly balanced for upright use. Never tires the user. Costs so little only $49.50

Does so much. Cleans, blows, sprays, moth-proofs. Cleans cuffs and inside seams like magic. Thousands of satisfied users.

SEND FOR CIRCULAR

Little Wonder
ELECTRIC
Whisk-Brush MACHINE

Also Mfgs. Patented "Needle-boards" for Pressing Velvet and Nap fabrics materials without shine or gloss.

AMERICAN PRESSBOARD CO. 110 W. 30th St., New York 1

When writing to advertisers please mention The NATIONAL CLEANER & DYER

DIRECTORY SECTIONS

of the Guidebook for the Drycleaning Industry

★ CLASSIFIED DIRECTORY . . . PAGE 217

In this section supplies and equipment used by the drycleaning industry, with their manufacturers, are listed alphabetically for easy reference. Products are listed by noun—for example, "Soaps, Wetcleaning," rather than "Wetcleaning Soaps"—except where the two words are joined together by common usage, as in "Sleeve Shapers," rather than "Shapers, Sleeve." The directory is also thoroughly cross-referenced for greater convenience. Display advertisers are listed in bold face type. For page numbers of display advertisements see the Index to Advertisers on page 327.

★ TRADE NAMES . . . . . PAGE 268

An alphabetical list of trade names of supplies and equipment used in the drycleaning industry, with a description of each product and its manufacturer.

★ MANUFACTURERS . . . . . PAGE 284

An alphabetical list of all equipment and supply manufacturers with their addresses. When you have found the name of the firm which manufactures the product in which you are interested under the "Classified Directory" or "Trade Names" section, consult this list for its address.

★ LOCAL BUYERS' GUIDE . . . PAGE 292

This geographical classification of sources of supply provides complete buying information for the drycleaning industry. Here the cleaner will find the jobbers' or manufacturers' branches serving his own community. Firm names followed by (E) are jobbers for equipment; firm names followed by (S) are jobbers for supplies, and firm names followed by (E & S) are jobbers for both equipment and supplies. Bold face type indicates display advertisers. For page numbers of advertisements giving complete product descriptions see Index to Advertisers on Page 327.

CLASSIFIED DIRECTORY

manufacturers of equipment and supplies used in the drycleaning industry . . . . .

ABSORBERS, ODOR

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Eaton Chemical & Dyestuff Co.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

ABSORBERS, VIBRATION

Chicago Metal Hose Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Johns-Manville
Johnson Metal Hose, Inc.
M B Mfg. Co.
Packless Metal Products Corp.
Raybestos-Manhattan, Inc.
Salomon & Bro., L. A.
U. S. Rubber Co.

ACCOUNTING MACHINES AND SYSTEMS

Burroughs Adding Machine Co.
National Cash Register Co.
Recordak Corp.

ACETATE, ALUMINUM

See: Aluminum Acetate

ACETIC ACID

DuPont de Nemours & Co., Inc., E. I.
Hachik Bleach Co.
Mallinckrodt Chemical Works
Patterson Laboratories, Inc.

ACETONE

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
DuPont de Nemours & Co., Inc., E. I.
Mallinckrodt Chemical Works

ACID-RESISTING BUCKETS

See: Buckets and Pails, Acid-Resisting

ACID-RESISTING HARD RUBBER FITTINGS

See: Fittings, Acid-Resisting, Hard Rubber

ACID-RESISTING PAINT

See: Paint

ACID-RESISTING PIPE

See: Pipe, Acid-Resisting Alloy

ACID-RESISTING TANKS

See: Tanks, Acid-Resisting

ACIDS

See: Acetic Acid, Oxalic Acid

ACTIVATED CARBON

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Darco Corp.

DARCO

BLUE LABEL DARCO
Activated Carbon
continuously adsorbs
Grease—color impurities—fatty acids —odors—and other impurities from your drycleaning solvent.
DARCO
CORPORATION
60 East 42nd Street, New York 17, N.Y.

DuPont de Nemours & Co., Inc., E. I.
Elgin Softener Corp.
Infilco, Inc.
Salomon & Bro., L. A.
Stover Water Softener Co.

ADDING MACHINES

Allen Business Machines, Inc., R. C.
Burroughs Adding Machine Co.
National Cash Register Co.

ADDRESSING EQUIPMENT

Addressograph-Multigraph Corp.

ADSORBENTS

See: Activated Carbon, Filter Powder

ADVERTISING POSTERS

See: Posters

AFTERCOOLERS

Ingersoll-Rand Co.
Johnson Corp.
Murray Mfg. Co., D. J.
Patterson-Kelley Co., Inc.
Worthington Pump & Machinery Corp.

AIR CLEANERS

Drico Industrial Corp.
Wright-Austin Co.

AIR COMPRESSORS

See: Compressors, Air

AIR CONDITIONERS

Brunner Mfg. Co.
Carll Sons, Chas. W.
Carrier Corp.
Chandler Sales & Service Co.
Chrysler Corp., Airtemp Div.
Clarage Fan Co.
Cuno Engineering Corp.
Fairbanks-Morse & Co.
Frigidaire Div. of General Motors Corp.
General Electric Co.
Kelvinator Div., Nash-Kelvinator Corp.
Murray Mfg. Co., D. J.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Trane Co.
Young Radiator Co.
Worthington Pump & Machinery Corp.

AIR COOLERS

See: Coolers, Oil, Water, Air

AIR ELIMINATORS

Sarco Co., Inc.
Wright-Austin Co.

AIR FILTERS

Drico Industrial Corp.
Haertel Co., Walter
Kaye & MacDonald, Inc.
Master Products Co.
Mine Safety Appliances Co.
Owens-Corning Fiberglas Corp.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Strong, Carlisle & Hammond Co.

AIR GAUGES

See: Gauges, Air

AIR HEATERS

See: Heaters, Air

AIR METERS

See: Meters, Air

AIR SEPARATORS

Binks Mfg. Co.
Clark Mfg. Co.
De Vilbiss Co.
Johnson Corp.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Leavitt Machine Co.
Strong, Carlisle & Hammond Co.
Wright-Austin Co.

AIR TANKS

See: Tanks, Air

AIR TRAPS

Anderson Co., V. D.
Binks Mfg. Co.
Clark Mfg. Co.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Sarco Co., Inc.
Sterling Engineering & Mfg. Corp. (Templeton Mfg. Co.)
Strong, Carlisle & Hammond Co.
Wright-Austin Co.

AIR VACUUM SYSTEMS, PRESSES

See: Vacuum Systems, Presses

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

ALARMS, HIGH & LOW WATER

Campbell Co., J. A.
Combustion Control Corp.
Cutler-Hammer, Inc.
Glover, Inc., Bill
Johnson Corp.
Kisco Boiler & Engineering Co.
McDonnell & Miller, Inc.
Northern Equipment Co.
Schaub Engineering Co., Inc., Fred H.
Sterling, Inc.
U. S. Gauge Div., American Machine & Metals, Inc.
Wright-Austin Co.
Yarnall-Waring Co.

ALARMS, SIGNAL

B & G Machinery Co., Inc.
Campbell Co., J. A.
Leslie Co.
McDonnell & Miller, Inc.
Photoswitch, Inc.
Rosenthal Mfg. Co.
Sterling, Inc.
U. S. Gauge Div., American Machine & Metals, Inc.
Wright-Austin Co.

ALCOHOL

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
DuPont de Nemours & Co., Inc., E. I.
Patterson Laboratories, Inc.

ALKALI COMPOUNDS, SPECIAL

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carbon Chemical Co., Inc.
Carman & Co., Inc.
Cowles Chemical Co.
Delray Industries, Inc.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Kelite Products, Inc.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Lewis National Corp.
National Milling & Chemical Co.
North Coast Chemical & Soap Works
Pennsylvania Salt Mfg. Co.
Philadelphia Quartz Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Robins & Co., G. S.
Solvay Sales Div., Allied Chemical & Dye Corp.
Speare Co., The
Stadham Co., Inc.
Stauffer Chemical Co.
Swift & Co.
Theobald Industries
Thompson-Hayward Chemical Co.
Turco Products, Inc.
Van Chemical Co.
Washine National Sands, Inc.
Westvaco Chemical Div., Food Machinery & Chemical Corp.
Wyandotte Chemicals Corp.

ALKALI-RESISTING PAINT

See: Paint

ALUMINUM ACETATE

DuPont de Nemours & Co., Inc., E. I.
Mallinckrodt Chemical Works
Wolf & Co., Jacques

ALUMINUM CASTINGS

See: Castings, Brass, Bronze and Aluminum

ALUMINUM PAINT

See: Paint

ALUMINUM PIN CARRIERS

See: Pin Carriers

AMMONIA

Crescent Chemical Div., Hood Chemical Co., Inc.
DuPont de Nemours & Co., Inc., E. I.
Hasbik Bleach Co.
Mallinckrodt Chemical Works
Mathieson Chemical Corp.
North Coast Chemical and Soap Works
Patterson Laboratories, Inc.
Pennsylvania Salt Mfg. Co.

AMMONIUM ACID FLUORIDE

See: Sours

ANGLE VALVES

See: Valves, Angle

ANILINE DYES

See: Dyes

ANTISEPTICS

Alrose Chemical Co.
Carman & Co., Inc.
Cidex Corp.

4 STAR DRYCLEANING WITH CIDE-X PROTECTION AGAINST
GERMS • ODORS • MOTHS • MILDEW
CIDEX CORP. 85 FRANKLIN STREET JERSEY CITY 7, N. J.

Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Fairfield Laboratories
General Dyestuff Corp.
Germoclean, Inc.
Huntington Laboratories, Inc.
Mallinckrodt Chemical Works
Perm-Aseptic Corp.

Increase Sales with Germ-Resistant
PERM-Aseptic
Write for our Association Program Plan
PERM-Aseptic Corp.

APRON LACERS, LAUNDRY

See: Lacers, Laundry Apron

APRONLESS IRONERS

See: Ironers, Apronless

APRONS, ALLIGATOR LACED

Benwall Mfg. Co.
Carman & Co., Inc.
Carson Textile Co., Inc.
Patek & Co.
Speare Co., The

APRONS, CANVAS OR DUCK

American Associated Companies
Bemis Bro. Bag Co.
Benwall Mfg. Co.
Bostwick-Batterson Co.
Callaway Mills, Inc.
Canvas Specialty Co.
Carman & Co., Inc.
Carson Textile Co., Inc.
Colorado Tent & Awning Co.
Daniels, Inc., C. R.
Fry Bros. Co.
Hettrick Mfg. Co.
Industrial Products Co.
Lanning Bag & Spec. Co.
Lewis National Corp.
Manitowoc Cotton Goods Mfg. Co.
Patek & Co.
Robins & Co., G. S.
Southern Mills, Inc.
Speare Co., The
Stadham Co., Inc.
Steffen Canvas Products
Sterling Supply Corp.
Superior Products Co.
Tingue, Brown & Co.
Tyro Sunshade Co.
Wagner Awning & Mfg. Co.
Whitman Supply Co., Inc.

APRONS, CLIPPER LACED

Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co., Inc.
Colorado Tent & Awning Co.
Fry Bros. Co.
Hettrick Mfg. Co.
Lally Co., R.
Lewis National Corp.
Patek & Co.
Pittsburgh Waterproof Co.
Robins & Co., G. S.
Speare Co., The
Stadham Co., Inc.
Sterling Supply Corp.
Superior Products Co.
Thompson-Hayward Chemical Co.
Tingue, Brown & Co.
Whitman Supply Co., Inc.

APRONS, WASHROOM

Daniels, Inc., C. R.
Gates Rubber Co.
Goodrich Co., B. F.
Hodge-Farwell & Co.
Industrial Products Co.
Mine Safety Appliances Co.
Resistoflex Corp.
Schwartz Co., B. W.
U. S. Rubber Co.

ARCHES, FURNACE, FLAT SUSPENDED

McLeod & Henry Co., Inc.
Mexico Refractories Co.
Plibrico Jointless Firebrick Co.
Ramtite Co.
Reintjes, George P.

ASBESTOS CEMENT

See: Cement, Asbestos

ASBESTOS COVERS AND PADDING

American Associated Companies
Callaway Mills, inc.
Johns-Manville
Knitted Padding Co.
Pittsburgh Waterproof Co.
Stadham Co., Inc.
Tingue, Brown & Co.
Revolite Div., Atlas Powder Co.

ASBESTOS PAPER

Carey Mfg. Co., Philip
Johns-Manville
Tingue, Brown & Co.

ASH, SODA

See: Soda Ash (Sodium Carbonate)

ASSEMBLY CIRCUITS

See: Conveyors, Monorail

ASSEMBLY HOOKS

Cleaners Sales & Equipment Corp.
Ink-O Products Co.
O. K. Products Co.
Perfection Products Co.
Smith Co., Frank R.

THE MOST EFFECTIVE CHECKING SYSTEM KNOWN

Jiffy SORTERS
35c each
any quantity
9 out of 10 Drycleaners Need 'Em
• Complete assembly system within themselves
• Work perfectly on speed rail
• Fewer errors; easy to use
• Takes any length ticket up to 9"
• Save space, time and money
• Speeds assembly line
ASK YOUR JOBBER
or Write Direct to
FRANK R. SMITH CO.
Front & Fourth, Orange, Texas

V & W Equipment Co.

ASSEMBLY RACK DIVIDERS

Ink-O Products Co.
Para-Lux Products Co.
Time Savers, Inc.

ASSEMBLY REELS

See: Sorting Reels

AUTOGRAPHIC REGISTERS

See: Registers, Autographic

AUTOMATIC CONTROLS

See: Controls and Regulators (specific headings), also see: Timers, Washer

AUTOMATIC COUNTERS

See: Counters, Automatic

AUTOMATIC SCALES

See: Scales

AUTOMATIC VALVES

See: Valves, Automatic

AUTOMATIC WASHERS

See: Washers, Automatic

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

AUTOMOBILE GOVERNORS

See: Governors, Automobile

BADGES, DRIVERS'

Parisian Novelty Co.
Penn Novelty Co.
Stafford Co., N.

BADGES, EMPLOYEES'

Engineer Co.
Parisian Novelty Co.
Penn Novelty Co.
Stafford Co., N.

BAFFLES, BOILER

McLeod & Henry Co., Inc.
Mexico Refractories Co.
Plibrico Jointless Firebrick Co.
Ramtite Co.

BAG AND NET HOLDERS

See: Holders, Bag and Net

BAGGERS, GARMENT

B & G Machinery Co., Inc.
Cauthen & Slocum, Inc.
Huebsch Mfg. Co.
Medalie Mfg. Co.
National Marking Machine Co.
Newhouse Co.
Para-Lux Products Co.
Patek & Co.
Perfection Products Co.
Specialty Devices Co.

Specialty GARMENT BAGGER
NEW! 100% AUTOMATIC
OPERATOR NEVER TOUCHES DEVICE
COMPRESSED AIR DOES THE JOB
ALL REPORTS SHOW
BAGGING COSTS
REDUCED 25% to 50%
Write for Information
Specialty DEVICES COMPANY
805 East 26th St. Norfolk (8), Va.

White Machine Co., Inc.

BAGS, CLOTH

American Associated Companies
Bemis Bro. Bag Co.
Benwall Mfg. Co.
Canvas Specialty Co.
Carson Textile Co., Inc.
Colorado Tent & Awning Co.
Daniels, Inc., C. R.
Hammond Laundry-Cleaning Machinery Co.
Lanning Bag & Specialties Co.
Lewis National Corp.
Manitowoc Cotton Goods Mfg. Co.
Phoenix Products Co.
Rodin Machinery Co., Div. Rodin Bros.
Smith Co., Inc., Gilman B.
Smith, Inc., X. S.
Stadham Co., Inc.
Standard Garment Co.
State Sanitary Supply Co.
Steinman Paper Co.
Superior Products Co.
Tingue, Brown & Co.
Troy Sunshade Co.
Wagner Awning & Mfg. Co.
Zuckerberg Co.

BAGS, DIAPER

Carson Textile Co., Inc.
Daniels, Inc., C. R.
Laundry Packaging Corp.
Lewis National Corp.
Sani-Top Co.
Southern Mills, Inc.
Stadham Co., Inc.
Superior Products Co.
Tingue, Brown & Co.
Troy Sunshade Co.
Wagner Awning & Mfg. Co.
Zuckerberg Co.

BAGS, DRESS SHIRT

Bond Street Bag & Paper Corp.
Equitable Paper Bag Co., Inc.
Laundry Packaging Corp.
Mehl Mfg. Co.
Moser Bag & Paper Co.
Patek & Co.
Para-Lux Products Co.
Phoenix Products Co.
Rosenthal Paper Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Steinman Paper Co.
Time Savers, Inc.
Wescott Products Corp.
West Side Bag & Paper Co., Inc.
Whitman Supply Co.

BAGS, DRYCLEANERS'

Akro Paper Co.
American Coat Hanger Mfg. Co.
Atlanta Paper Co.
Bond Street Bag & Paper Corp.
Diem & Wing Paper Co.
Equitable Paper Bag Co., Inc.
General Cleaners Products Co.
Katz Bag Co.
Kennedy Car Liner & Bag Co.
Laundry Packaging Corp.
Lincoln Bag Co., Inc.
Mehl Mfg. Co.
Moser Bag & Paper Co.
Mutual Paper Box Co., Inc.
Patek & Co.
Phoenix Products Co.
Rassenfoss Bag Co., Inc.

SEE—INVESTIGATE
"CEDAR SHIELD"
Complete Line of Fine Garment Bags
by
RASSENFOSS BAG CO., INC.
Glenview, Ill.
Booths 413—414 N.I.C.D. Convention

Rosenthal Paper Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Stadham Co., Inc.
Steinman Paper Co.
Tingue, Brown & Co.
Troy Sunshade Co.
U. S. Tissue Converting Co.
West Side Bag & Paper Co., Inc.

BAGS, FEATHER

Manitowoc Cotton Goods Mfg. Co.

BAGS, FILTER

See: Filter Bags

BAGS, HAT

See: Hatters' Supplies

BAGS, NECKTIE

Bond Street Bag & Paper Corp.
Diem & Wing Paper Co.
Equitable Paper Bag Co., Inc.
Laundry Packaging Corp.
Mehl Mfg. Co.
Moser Bag & Paper Co.
Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Rosenthal Paper Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Steinman Paper Co.
U. S. Tissue Converting Co.
West Side Bag & Paper Co., Inc.

BAGS, PANTS OR TROUSER

Andrew Paper Box & Bag Corp.
Bond Street Bag & Paper Corp.
Diem & Wing Paper Co.
Equitable Paper Bag Co., Inc.
Kennedy Car Liner & Bag Co.
Laundry Packaging Corp.
Lincoln Bag Co., Inc.
Mehl Mfg. Co.
Moser Bag & Paper Co.
Mutual Paper Box Co., Inc.
Patek & Co.
Phoenix Products Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Steinman Paper Co.
West Side Bag & Paper Co., Inc.

BAGS, PAPER, LAUNDRY

Andrew Paper Box & Bag Corp.
Atlanta Paper Co.
Bond Street Bag & Paper Corp.
Clopay Corp.
Diem & Wing Paper Co.
Equitable Paper Bag Co., Inc.
Kennedy Car Liner & Bag Co.
Laundry Packaging Corp.
Lincoln Bag Co., Inc.
Mehl Mfg. Co.
Moser Bag & Paper Co.
Package Masters, Inc.
Patek & Co.
Phoenix Products Co.
Rosenthal Paper Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Stadham Co., Inc.
Steinman Paper Co.
West Side Bag & Paper Co., Inc.

BAGS, SHIRT

See: Envelopes, Shirt

BAGS, STORAGE MOTHPROOF

Atlanta Paper Co.
Clopay Corp.
Diem & Wing Paper Co.
Kennedy Car Liner & Bag Co.
Lincoln Bag Co., Inc.
Mehl Mfg. Co.
Phoenix Products Co.
Rassenfoss Bag Co., Inc.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.
West Side Bag & Paper Co., Inc.

BAGS, WETWASH

Bemis Bro. Bag Co.
Bond Street Bag & Paper Corp.
Callaway Mills, Inc.
Carson Textile Co., Inc.
Daniels, Inc., C. R.
Diem & Wing Paper Co.
Equitable Paper Bag Co., Inc.
Laundry Packaging Corp.
Lewis National Corp.
Rosenthal Paper Co.
Schorsch & Co., Inc.
Spear Box Co., Inc.
Stadham Co., Inc.
Steinman Paper Co.
Sterling Supply Corp.
Superior Products Co.
Troy Sunshade Co.
Wagner Awning & Mfg. Co.
West Side Bag & Paper Co., Inc.

BALL BEARINGS

See: Bearings, Ball

BANDS, PAPER

Academy Paper Box Co.
American Associated Companies
Anderson, Glenn L.
Diem & Wing Paper Co.
Drissel Co.
Laundry Packaging Corp.
Lenoxo Industries, Inc.
Marion Mfg. Co.
Manor Supply Co.
National Paper Band Co.
Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steele & Co., J. W.
Steinman Paper Co.
Sure-Hold Div., Nashua Gummed & Coated Paper Co.
Wescott Products Corp.
Whitman Supply Co., Inc.
Wormstead, Smith & Loomis, Inc.

BAR GUARDS

See: Hanger Shields and Guards

BARRELS, METAL, FIBER, etc.

Carll Sons, Chas. W.
Goodrich Co., Inc., B. F.
Raybestos-Manhattan, Inc.
Walton Trunk Co.

BARS, SORTING

See: Sorting Bars

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

BASKETS, CANVAS

Anderson Box & Basket Co., Inc.
Belding Basket Co.
Canvas Specialty Co.
Daniels, Inc., C. R.
Kentucky Box & Truck Co.
Lane & Bros., Inc., W. T.

Lewis Co., G. B.
Lewis National Corp.
McElmoyl Co., W. J.

Baskets—Hampers—Trucks
(Ironing Board Trays)
Write for folder and prices
Consult your jobber
W. J. McELMOYL CO.
Tel. TRenton 3-3968
65 Church St. Groveville, N. J.

Meese, Inc.
Newhouse Co.
Nutting Truck & Caster Co.
Pittsburgh Waterproof Co.
Steele Supply Co., Inc.
Tingue, Brown & Co.
Wagner Awning & Mfg. Co.

BASKETS, EXTRACTOR

See: Extractor Baskets

BASKETS, METAL

Carll Sons, Chas. W.
Chrisman Co., Inc., E. L.
Newhouse Co.
Olson Centrifugals Co.
Time Savers, Inc.

BASKETS, SHIRT

Time Savers, Inc.

BASKETS, WIRE

American Wire Form Co.
Carll Sons, Chas. W.
Time Savers, Inc.

BASKETS, WOOD

Anderson Box & Basket Co., Inc.
Belding Basket Co.
Kentucky Box & Truck Co.
Lewis Co., G. B.
Meese, Inc.
Standard Laundry & Cleaning Machinery Co.

BATTERIES, STORAGE

Electric Storage Battery Co.
Pennsylvania Rubber Co.
Philco Corp., Storage Battery Div.

BEARINGS, BALL

Fafnir Bearing Co.
Link-Belt Co.
New Departure, Div. General Motors Corp.
Nice Ball Bearing Co.
Stephens-Adamson Mfg. Co.
Wood's Sons Co., T. B.

BEARINGS, JOURNAL ROLLER

Fafnir Bearing Co.
Link-Belt Co.
Roller Bearing Co. of America
Timken Roller Bearing Co.

BEARINGS, LUBRICATING

Amplex Div., Chrysler Corp.
Link-Belt Co.

BEARINGS, METAL

Amplex Div., Chrysler Corp.
Timken Roller Bearing Co.

BEARINGS, NEEDLE

Roller Bearing Co. of America

BEARINGS, OILLESS

Amplex Div., Chrysler Corp.
Raybestos-Manhattan, Inc.

BEARINGS, RADIAL

Fafnir Bearing Co.
Link-Belt Co.
New Departure, Div. General Motors Corp.
Roller Bearing Co. of America
Timken Roller Bearing Co.

BEARINGS, ROLLER

Fafnir Bearing Co.
Link-Belt Co.
Roller Bearing Co. of America
Timken Roller Bearing Co.
Wood's Sons Co., T. B.

BEARINGS, THRUST

Fafnir Bearing Co.
Link-Belt Co.
New Departure, Div. General Motors Corp.
Nice Ball Bearing Co.
Stephens-Adamson Mfg. Co.
Timken Roller Bearing Co.

BEATERS, CARPET AND RUG

American Laundry Machinery Co.
Chief Mfg. Co., Inc.
Cleveland Rug Cleaning Machinery Co.
Miller Co., A. O.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

BELT CEMENT

See: Cement, Belt

BELT CLEANERS

Chevlin Co., Inc., Samuel

BELT CONVEYORS

See: Conveyors (under specific headings)

BELT CUTTERS

See: Cutters, Belt

BELT DRESSINGS AND PRESERVATIVES

See: Dressings, Belt and Preservatives, Belt

BELT FASTENERS

See: Fasteners, Belt

BELT GUARDS

See: Guards, Belt

BELT HOLDERS

Time Savers, Inc.

BELT LACERS

See: Lacers, Belt

BELT PRESERVATIVES

See: Preservatives, Belt

BELTING, LEATHER

Charlotte Leather Belting Co.
Cornell Belting Co.
Eagle Belting & Leather Co.
Graton & Knight Co.
Houghton & Co., E. F.
Milwaukee Leather Belting Co.
Philadelphia Belting Co.
Virginia Leather Co.
Warren Belting Co., Inc.
Webb Belting Co.
Williams & Sons, I. B.

BELTING, RUBBER

Garlock Packing Co.
Gates Rubber Co.
Gilmer Co., L. H., Div. U. S. Rubber Co.
Goodrich Co., B. F.
Raybestos-Manhattan, Inc.
Russell Mfg. Co.
U. S. Rubber Co.
Webb Belting Co.

BELTING SHEAVES

See: Sheaves, Belting

BELTING, "V" DRIVE

Eagle Belting & Leather Co.
Gates Rubber Co.
Gilmer Co., L. H., Div. U. S. Rubber Co.
Goodrich Co., B. F.
Link-Belt Co.
Milwaukee Leather Belting Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.
Wood's Sons Co., T. B.
Worthington Pump & Machinery Corp.

BELTING, WATERPROOF, LEATHER

Charlotte Leather Belting Co.
Eagle Belting & Leather Co.
Graton & Knight Co.
Milwaukee Leather Belting Co.
Philadelphia Belting Co.
Virginia Leather Co.
Warren Belting Co., Inc.
Williams & Sons, I. B.

BELTING, WOVEN

Daniels, Inc., C. R.
Gilmer Co., L. H., Div. U. S. Rubber Co.
Hope Webbing Co.
Russell Mfg. Co.
Southern Mills, Inc.
Tingue, Brown & Co.
Wagner Awning & Mfg. Co.

BENCH SCALES

See: Scales

BENTONITE CLAY

See: Clay, Bentonite

BINDING, BLANKET

Hope Webbing Co.
Zuckerberg Co.

BINDING, CARPET AND RUG

Daniels, Inc., C. R.
Fleischer Mills, Inc.
Smith Co., Inc., Gilman B.

BINDING TAPE

See: Tape, Binding

BINS, CAST-IRON STORAGE

Brady Conveyors Corp.
Lewis-Shepard Products, Inc.
Moss Industries, Inc.

BINS, STEEL STORAGE

Berger Mfg. Div., Republic Steel Corp.
Brady Conveyors Corp.
Graver Tank & Mfg. Co., Inc.
Lewis-Shepard Products, Inc.
Market Forge Co.
Steele & Co., J. W.
Stephens-Adamson Mfg. Co.

BIN TAGS

See: Tags, Bin

BLANKET BINDING

See: Binding, Blanket

BLANKET FINISHERS

See: Finishers, Blanket

BLANKET STRETCHERS

See: Stretchers, Blanket

BLANKET WASHERS

See: Washers, Blanket

BLAST HEATERS

See: Heaters, Blast

BLEACH

Arnold-Hoffman & Co., Inc.
Carlton Chemical Co., Inc.
Carman & Co., Inc.
Cidex Corp.
Clorox Chemical Co.
Cowles Chemical Co.
Crescent Chemical Div., Hood Chemical Co., Inc.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
Hachik Bleach Co.
Harrison, Inc., Robt. D.
Hood Chemical Co.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Kuehne Chemical Co.
Mallinckrodt Chemical Works
Mathieson Chemical Corp.
Patek & Co.
Patterson Laboratories, Inc.
Robins & Co., G. S.
Pennsylvania Salt Mfg. Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Sergeant Pulp & Chemical Co., Inc., E. M.
Thompson-Hayward Chemical Co.
Wallace & Tiernan Products, Inc.
Washine National Sands, Inc.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

BLEACH GENERATORS
See: Bleach Making Machines

BLEACHING POWDER
Arnold-Hoffman & Co., Inc.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
DuPont de Nemours & Co., Inc., E. I.
General Reduction Co.
Innis, Speiden & Co.
Pennsylvania Salt Mfg. Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Sergent Pulp & Chemical Co., Inc., E. M.
Street & Co., Inc., R. R.

BLEACH-MAKING MACHINES
American Laundry Machinery Co.
Wallace & Tiernan Products, Inc.

BLIND-STITCH SEWING MACHINES
See: Sewing Machines, Blind-Stitch

BLOCKING MACHINES, HAT
Excelsior Machinery Co.
Hatters Supply House, Inc.
Pantex Mfg. Corp.
Shedlov-Heinz Mfg. Co.
U. S. Hoffman Machinery Corp.

BLOCKS, HANGER AND PILLOW
Stephens-Adamson Mfg. Co.
Wood's Sons Co., T. B.

BLOOD REMOVER
See: Spot Removers, Spotting Agents, Stain Removers

BLOWDOWN SYSTEMS, BOILER
Cochrane Corp.
Graver Tank & Mfg. Co., Inc.
Liquid Conditioning Corp.
McLeod & Henry Co., Inc.
Stout & Sons, David
Strong, Carlisle & Hammond Co.
Williams & Davis Boiler & Welding Co., Inc.

BLOWOFF VALVES
See: Valves, Blowoff

BLOWERS
Allen Billmyre Div., Lamson Corp.
Breuer Electric Mfg. Co.
Carll Sons, Chas. W.
Chelsea Fan & Blower
Clarage Fan Co.
De Laval Steam Turbine Co.
Eclipse Fuel Engineering Co.
Ideal Industries, Inc.
Ilg Electric Ventilating Co.
Martin Fan & Blower Co.
Moore Co.
Radiant Drying Co.
Roots-Connersville Blower Corp.
Schweitzer-Cummins Co.
Trane Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

BLUE
Aurora Mfg. Co., Inc.
Beach Soap Co.
Carman & Co., Inc.
Cowles Chemical Co.
Crescent Chemical Div., Hood Chemical Co., Inc.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
Heller & Co., B.
Johnson Chemical Industries, Inc.
Kem Laboratories
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Speare Co.
Standard Chemical Works Co.
Superior Products Co.
Virginia-Carolina Laundry Supply Co.
Washine National Sands, Inc.

BOARDS, BULLETIN
See: Bulletin Boards

BOARDS, IRONING
See: Ironing Boards and Tables

BOARDS, PRESS (DRYCLEANING)
See: Pressing Boards (Drycleaning)

BOARDS, SHIRT
See: Shirt Boards

BOARDS, SHIRT FOLDING
See: Shirt Folding Boards

BOARDS, SPOTTING
See: Spotting Boards and Tables

BOARDS, STEAM
See: Steam Boards

BOILER BAFFLES
See: Baffles, Boiler

BOILER BLOWDOWN SYSTEMS
See: Blowdown Systems, Boiler

BOILER COMPOUNDS
Acme Industrial Compounds Corp.
American K.A.T. Corp.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Doctor Boiler, Inc.

Scientific Scale Remover
Removes ***and*** Prevents
Money Back Guarantee
DOCTOR BOILER
(See our ad on page 137)

Drew & Co., Inc., E. F.
Elgin Softener Corp.
Huntington Laboratories, Inc.
Kelite Products, Inc.
Kem Laboratories
Kisco Boiler & Engineering Co.
Magnus Chemical Co., Inc.
Patek & Co.
Permutit Co.
Riverside Chemical Co., Inc.
Turco Products, Inc.
Water Service Laboratories, Inc.
Wyandotte Chemicals Corp.

BOILER FEED PUMPS
See: Pumps, Boiler Feed

BOILER FEED SYSTEMS
Belco Industrial Equipment Div.
Cissell Mfg. Co., Inc., W. M.
Combustion Control Corp.
Cyclotherm Corp.
Dixon Boiler Works
Dutton Co., C. H.
Eclipse Fuel Engineering Co.
Hammond Laundry-Cleaning Machinery Co.
Johnson Corp.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
McDonnell & Miller, Inc.
Mears-Kane-Ofeldt Inc.
Roth Co., Roy E.
Schaub Engineering Co., Inc., Fred H.
Sellers Engineering Co.
Spotswood Parker & Co.
Sterling, Inc.
Sterling Eng. & Mfg. Corp. (Templeton Mfg. Co.)
Stout & Sons, David
U. S. Hoffman Machinery Corp.
Whitlock Mfg. Co.
Wright-Austin Co.
Williams & Davis Boiler & Welding Co., Inc.

BOILER FEED TESTING SYSTEMS
See: Testing Systems, Boiler Feed

BOILER FEED TRAPS
See: Traps, Boiler Feed

BOILER FUEL CUTOFFS, LOW WATER
Campbell Co., J. A.
Cissell Mfg. Co., Inc., W. M.
Dutton Co., C. H.
Johnson Corp.
Kisco Boiler & Engineering Co.
McDonnell & Miller, Inc.
Schaub Engineering Co., Inc., Fred H.

BOILER INSULATION
See: Insulation, Pipe and Boiler

BOILER LEVEL RECORDERS
See: Recorders, Boiler Level

BOILER METERS
See: Meters, Boiler

BOILER NON-RETURN VALVES
See: Valves, Boiler Non-Return

BOILER PROTECTORS
See: Protectors, Boiler

BOILER REPAIR COMPOUND
Radiator Specialties Co.
Steelcote Mfg. Co.

BOILER RETURN SYSTEMS
Acker Organization, Inc., W. M.
Billingsly Machinery Co.
Chrisman Co., Inc., E. I.
Cissell Mfg. Co., Inc., W. M.
Cochrane Corp.
Cyclotherm Corp.
Dixon Boiler Works
Dutton Co., C. H.
Eclipse Fuel Engineering Co.
General Boiler Equipment Corp.
Glover, Inc., Bill
Hammond Laundry-Cleaning Machinery Co.
Healy-Ruff Co.
Johnson Corp.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co. P. M.
Marvel Mfg. Co.
Morehead Mfg. Co.
Schaub Engineering Co., Inc., F. H.
Sellers Engineering Co.
Spotswood Parker & Co.
Steamaster Automatic Boiler Co.
Sterling, Inc.
Sterling Eng. & Mfg. Corp. (Templeton Mfg. Co.)
Stout & Sons, David
Superior Combustion Industries, Inc.
U. S. Hoffman Machinery Corp.
Vic Cleaning Machine Co.
Webster & Co., Warren
Williams & Davis Boiler & Welding Co., Inc.

BOILER SCALE SOLVENT
Acme Industrial Compounds Corp.
American K.A.T. Corp.
Carbide & Carbon Chemical Corp., Unit of Union Carbide & Carbon Corp.
Doctor Boiler, Inc.
Huntington Laboratories, Inc.
Kelite Products, Inc.
Oakite Products, Inc.
Patek & Co.
Permutit Co.
Radiator Specialties Co.
Turco Products, Inc.

BOILER SETTINGS
McLeod & Henry Co., Inc.
Mexico Refractories Co.
Midland Paint & Varnish Co.
Plibrico Jointless Firebrick Co.
Ramtite Co.
Reintjes, George P.
Steamaster Automatic Boiler Co.
Williams & Davis Boiler & Welding Co., Inc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

BOILER TUBES

Republic Steel Corp.
Steamaster Automatic Boiler Co.
Williams & Davis Boiler & Welding Co., Inc.

BOILER WATER CHEMICALS

Acme Industrial Compounds Corp.
American K.A.T. Corp.
Belco Industrial Equipment Div.
Carbide & Carbon Chemical Corp., Unit of Union Carbide & Carbon Corp.
Drew & Co., Inc., E. F.
Elgin Softener Corp.
Keite Products, Inc.
Liquid Conditioning Corp.
Magnus Chemical Co., Inc.
National Aluminate Corp.
Permutit Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Solvay Sales Div., Allied Chemical & Dye Corp.
Wyandotte Chemicals Corp.

BOILER WATER TREATMENT

Acme Industrial Compounds Corp.
American K.A.T. Corp.
Belco Industrial Equipment Div.
Butler Engineering Co.
Carbide & Carbon Chemical Corp., Unit of Union Carbide & Carbon Corp.
Cochrane Corp.
Drew & Co., Inc., E. F.
Elgin Softener Corp.
Graver Tank & Mfg. Co., Inc.
Hagan Corp.
Hungerford & Terry, Inc.
Huntington Laboratories, Inc.
Infilco, Inc.
Keite Products, Inc.
Kisco Boiler & Engineering Co.
Liquid Conditioning Corp.
Magnus Chemical Co., Inc.
National Aluminate Corp.
Permutit Co.
Water Service Laboratories, Inc.

BOILERS AND STEAM GENERATORS

Alert Engineering Products
Ames Iron Works
Automatic (Sussman) Steam Products Corp.
Beeler Corp.
Brownell Co.
Bryan Steam Corp.
Chrisman Co., Inc., E. L.
Clayton Mfg. Co.
Clearer-Brooks Co.
Coates Electric Mfg. Co.
Columbia Boiler Co.
Combustion Engineering Co., Inc.
Cooper & Co., H. P.
Crown Mfg. Co.
Custom Engineering Co.
Cyclotherm Corp.
Dixon Boiler Works
Dutton Co., C. H.
Eclipse Fuel Engineering Co.
Erie City Iron Works
International Boiler Works Co.
Johnston Bros., Inc.
Keeler Co., E.
Kewanee Boiler Corp.
Kisco Boiler & Engineering Co.
Kreisky Mfg. Co., Inc.
Lattner Mfg. Co., P. M.
Leffel & Co., James
Lockout Boiler & Mfg. Co.
Moore-Kane-Orbelt, Inc.
Morheat Sales Co.

Boilers
Steam Generators
Morheat Sales Company
Lansing 12, Michigan

Fully automatic water tube boiler, matching power house efficiency, from 5 H.P. to 30 H.P.—15 and 100 lbs. pressure. Safe and economical, provides more steam faster at less cost. Tube assembly permits cleaning of each individual tube in minimum time by removal of just a few caps in contrast to cumbersome old time methods. This represents the last word in efficiency and maintenance. Also low pressure boilers for steam and hot water heating.

Mund Boilers, Inc.
Ontario Iron Works
Orr & Sembower, Inc.
Parker Boiler Mfg. Co., Inc., Sid E.
Preferred Utilities Mfg. Corp.
Sellers Engineering Co.
Siebring Mfg. Co.

INVESTIGATE
the
SIEBRING
ELECTROMATIC BOILER

Compare These Features Before Buying

- Entirely Automatic
- Eliminates Fire Hazards
- Compact
- Eliminates Condensation Losses (where steam ordinarily has to be piped)
- Furnishes Dry or Saturated Steam
- Develops 3-20 Horsepower Quickly
- Economical to Operate
- Sells for Far Less Than Any Comparable Boiler on Market.

Write Today for More Complete Information

SIEBRING MANUFACTURING COMPANY
George, Iowa

Springfield Boiler Co.
Steamaster Automatic Boiler Co.
Steam Engineering & Sales Co.
Stout & Sons, David
Superior Combustion Industries, Inc.
Titusville Iron Works Co., Div. of Struther Wells Corp.
Tow Engine & Machine Co.
U. S. Hoffman Machinery Corp.

HOFFMAN
Steamaster "LITTLE SCOTCHMAN"
Boilers—3, 5, 10, 15, 20 and 25 H.P.
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Williams & Davis Boiler & Welding Co., Inc.
York-Shipley, Inc.

BONE BUTTONS

See: Buttons

BOOKKEEPING MACHINES

See: Registers, Cash and Control

BOOKS, SALES

See: Sales Books

BOOTS, RUBBER

Goodrich Co., B. F.
Mine Safety Appliances Co.
U. S. Rubber Co.

BORAX

DuPont de Nemours & Co., Inc., E. I.
Innis, Speiden & Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Sergeant Pulp & Chemical Co., Inc., E. M.
Stauffer Chemical Co.

BOXES, FIBER AND PAPER

Academy Paper Box Co.
Andrew Paper Box & Bag Corp.
Automatic Paper Box Corp.
Campbell Box & Tag Co.
Cooper & Co., H. P.
Durable Fibre Case Co.
Grossner Co., M. H.
Hummel & Downing Co.
Laundry Packaging Corp.
Lorenz Industries, Inc.
Para-Lux Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Time Savers, Inc.
U. S. Tissue Converting Co.
Walton Trunk Co.
West Side Bag & Paper Co., Inc.

BOXES, METAL

Angle Steel Stool Co.
Carll Sons, Chas. W.

BOXES, WOOD

Anderson Box & Basket Co., Inc.
Kentucky Box & Truck Co.
Lewis Co., G. B.

BRAKE AND CLUTCH BRAKE MATERIALS

See: Friction Materials, Brakes, Clutches, etc.

BRASS

See: Copper and Brass

BRASS CASTINGS

See: Castings, Brass, Bronze, Aluminum and Alloy

BRASS PIN CARRIERS

See: Pin Carriers

BREAK POWDER

Acme Soap Co.
Carman & Co., Inc.
Cowles Chemical Co.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Kohnstamm & Co., Inc., H.
Minnesota Chemical Co.
Oakite Products, Inc.
Pennsylvania Salt Mfg. Co.
Speare Co.
Swift & Co.
Theobald Industries
Van Chemical Co.
Wyandotte Chemicals Corp.

BRICK PAINT

See: Paint

BRONZE CASTINGS

See: Castings, Brass, Bronze Aluminum and Alloy

BRUSHES

American Pressboard Co.
Atlanta Brush Co.

SPOTTING-FINISHING-SCRUBBING BRUSHES
Write for new catalog
ATLANTA BRUSH COMPANY
P. O. Box 1358 Atlanta 1, Ga.

Carman & Co., Inc.
Cohen & Son, Abe

The Handy Brushes
Napping Brushes, Fringe Brushes, Hand Carding Brushes and Fur Brushes, Curtain Stretcher Wire
ABE COHEN & SON
1721 Fort Myer Drive, Arlington, Va.

Hatters Supply House, Inc.
Newhouse Co.
Pennington, C. W.
Stafford Co., N.

BRUSHES, ROTARY (RUG AND FUR CLEANING)

See: Rotary Brushes (rug cleaning) or Rotary Brushes (fur cleaning)

BUCKETS AND PAILS

Allersft Mfg. Co., Inc.
Goodrich Co., B. F.
Knight, Maurice A.
Rochester Can Co.

BUCKETS AND PAILS, ACID-RESISTING

Allersft Mfg. Co., Inc.
Goodrich Co., B. F.
International Nickel Co., Inc.
Raybestos-Manhattan, Inc.

BUCKLE COVERS

See: Covers, Button and Buckle

BUILDERS AND DESIGNERS

Carll Sons, Chas. W.
Popkins Studios Fixtures, Inc.

BUILDERS, SOAP

Carlton Chemical Co., Inc.
Carman & Co., Inc.
Cowles Chemical Co.
Delray Industries, Inc.
Diamond Alkali Co.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Laundry Chemicals Co.
Lewis National Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Magnus Chemical Co., Inc.
North Coast Chemical & Soap Works
Pennsylvania Salt Mfg. Co.
Philadelphia Quartz Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Rumford Div., Heyden Chemical Corp.
Solvay Sales Div., Allied Chemical & Dye Corp.
Speare Co.
Swift & Co.
Theobald Industries
Thompson-Hayward Chemical Co.
Van Chemical Co.
Washine National Sands, Inc.
Wyandotte Chemicals Corp.

BUILDINGS, PREFABRICATED

Butler Mfg. Co.
Carll Sons, Chas. W.
Porto-Fab Co., Inc.

BULLETIN BOARDS

Industrial Products Co.
Mine Safety Appliances Co.
Stafford Co., N.

BUNDLE RACKS

See: Racks, Bundle

BUNDLE TYERS

Bunn Co., B. H.
National Bundle Tyer Co.
Simmons Machine Co.
Tie Co.

BURNERS, COAL

See: Stokers

BURNERS, GAS

Anthony Co.
Automatic (Suseman) Steam Products Corp.
Chicago Dryer Co.
Eclipse Fuel Engineering Co.
Engineer Co.
Hammond Laundry-Cleaning Machinery Co.
Iron Fireman Mfg. Co.
Lattner Mfg. Co., P. M.
Marvel Mfg. Co.
Mettler Co., Lee B.
National Airoil Burner Co., Inc.
Peabody Engineering Corp.
Radiant Drying Co.
Ray Oil Burner Co.
Rockwell Co., W. S.
Sellers Engineering Co.
Stout & Sons, David
Williams & Davis Boiler & Welding Co., Inc.

BURNERS, GAS-OIL

American Heat Corp.
Anthony Co.
Eclipse Fuel Engineering Co.
Engineer Co.
General Electric Co.
Lattner Mfg. Co., P. M.
Mettler Co., Lee B.
National Airoil Burner Co., Inc.
Peabody Engineering Corp.
Ray Oil Burner Co.
Rockwell Co., W. S.
Steamaster Automatic Boiler Co.
Williams & Davis Boiler & Welding Co., Inc.

BURNERS, OIL

American Heat Corp.
Anthony Co.
Belco Industrial Equipment Div.
Engineer Co.
General Electric Co.
Gilbert & Barker Mfg. Co.
Iron Fireman Mfg. Co.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
Malleable Iron Fittings Co.
Mettler Co., Lee B.
National Airoil Burner Co., Inc.
Peabody Engineering Corp.
Petroleum Heat & Power Co.

PETRO
REG. U.S. PAT. OFF.
OIL BURNERS
"Cut Steam Costs"
for heat—for hot water
for processing steam
Sizes from 3 hp. to 487 hp.
PETROLEUM
HEAT & POWER COMPANY
STAMFORD, CONN.
Distributors Everywhere

Ray Oil Burner Co.
Simplex Oil Heating Corp.
Rockwell Co., W. S.
York-Shipley, Inc.
Williams & Davis Boiler & Welding Co., Inc.

BUTTON COVERS

See: Covers, Button and Buckle

BUTTONS

Chicago Pearl Button Co.
Eureka Button Co.
Hirsch & Co., Leo H.
Hygrade Button & Supply Co.
Maxant Button & Supply Co.

CLOTH COVERED
BUTTONS - BUCKLES
— Easily Made —
Inexpensive Complete Outfits
Maxant 1119-21 South Moroan Street
CHICAGO 7, ILLINOIS
Pinkers, Eyeletters, Nailheads, Rhinestones, etc.

New York High Grade Button Works
Osborn Bros.
Frym, Inc., Wm.
Stafford Co., N.
Trojan Button Co.

BUTTONS, COLLAR

Sureloc Paper Clip Co.

BUTTON SEWING MACHINES

Chandler Machine Co.
Maxant Button & Supply Co.

CABINETS, DEODORIZING AND DRYING

American Laundry Machinery Co.
Butler Mfg. Co.
Chicago Dryer Co.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.

Hopkins
DRYING CABINETS
All sizes. Fully insulated. High pressure built-in steam coil and heavy duty pressure blower. Heavy forged hardware. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

Huebsch Mfg. Co.
Mitchell Co., J. B.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
U. S. Hoffman Machinery Corp.
Vic Cleaning Machine Co.

CABINETS, PIN TRAY

See: Pin Tray Cabinets

CABINETS, STEEL

Angle Steel Stool Co.
Berger Mfg. Div., Republic Steel Corp.
Time Savers, Inc.
Triplex Industries, Inc.

CABINETS, STERILIZING

See: Sterilizing Cabinets

CABINETS, STORAGE

See: Storage Cabinets

CABINETS, TOWEL

See: Towel Cabinets

CALCIUM HYPOCHLORITE

See: Bleach

CALCULATORS

See: Registers, Cash and Control

CANOPIES, FLATWORK IRONER

See: Flatwork Ironer Canopies

CANS

See: Buckets and Pails

CANS, DIAPER

See: Diaper Cans

CANVAS APRONS

See: Aprons, Canvas or Duck

CANVAS BAGS

See: Bags (under specific headings)

CANVAS BASKETS

See: Baskets, Canvas

CANVAS CEMENT (APRON)

See: Cement, Canvas (Apron)

CANVAS HAMPERS

See: Hampers

CANVAS PIN CARRIERS

See: Pin Carriers

CANVAS TRUCKS

See: Trucks, Industrial

CAPACITORS, ELECTRIC

General Electric Co.

CAPES, WIRE HANGER

Academy Paper Box Co.
Phoenix Products Co.
Spear Box Co., Inc.
Steinman Paper Co.

CARBON, ACTIVATED

See: Activated Carbon

CARBON DIOXIDE (CO_2) INDICATORS

See: Indicators (CO_2)

CARBON DIOXIDE (CO_2) METERS

See: Meters, Carbon Dioxide (CO_2)

CARBON TETRACHLORIDE

Baker Chemical Co., J. T.
Diamond Alkali Co.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Inna-Speiden & Co.
Mallinckrodt Chemical Works
Pennsylvania Salt Mfg. Co.
Stauffer Chemical Co.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

CARDING CLOTH

Hopkins Equipment Co.
Rosenthal Mfg. Co.

CARPET AND RUG BEATERS

See: Beaters, Carpet and Rug

CARPET AND RUG BINDING

See: Binding, Rug and Carpet

CARPET AND RUG CLEANING EQUIPMENT

See: Rug and Carpet Cleaning Equipment

CARPET AND RUG DRIERS

See: Driers, Rug and Carpet

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

CARPET AND RUG DUSTERS
See: Dusters, Rug and Carpet

CARPET AND RUG SCRUBBING MACHINES
See: Scrubbing Machines, Rug and Carpet

CARPET AND RUG WRINGERS
See: Wringers, Rug and Carpet

CARRIAGE, SHIRT
See: Shirt Carriage

CARRIERS, WHEELED
See: Carts, Garment

CARTS, GARMENT
Ace Cleaners Products Co.
Bishop Co., G. E.
Chrisman Co., Inc., E. L.
Cleaners Sales Co.
H. & E. Rack Co.
Meese, Inc.
Smith & Co., R. B.
Time Savers, Inc.
White Machine Co., Inc.

CASES, GLOVE
Rosenthal Paper Co.
Spear Box Co., Inc.

CASES, NECKTIE
Rosenthal Paper Co.
Sure-Hold Div., Nashua Gummed & Coated Paper Co.
Spear Box Co., Inc.

CASES, SHIPPING
Anderson Box & Basket Co., Inc.
Spear Box Co., Inc.

CASH REGISTERS
See: Registers, Cash and Control

CASTERS, TRUCK
See: Wheels, Casters, Trucks, etc.

CASTINGS, BRASS, BRONZE, ALUMINUM, NICKEL AND ALLOY
Allegheny Ludlum Steel Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Hammond Laundry-Cleaning Machinery Co.
International Nickel Co., Inc.
Loyal Textile Machinery Corp.
Stafford Co., N.

CASTINGS, STAINLESS STEEL
Allegheny Ludlum Steel Corp.

CAUSTIC SODA (SODIUM HYDROXIDE)
Diamond Alkali Co.
Dow Chemical Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Hooker Electrochemical Co.
Innis, Speiden & Co.
Mallinckrodt Chemical Works
Mathieson Chemical Corp.
Pennsylvania Salt Mfg. Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co., Inc.
Solvay Sales Div., Allied Chemical & Dye Corp.
Stauffer Chemical Co.
Theobald Industries

CELLOPHANE PRODUCTS
DuPont de Nemours & Co., Inc., E. I.
Freydberg Bros.-Strauss, Inc.
Gummed Tape & Devices Co.
Loroco Industries, Inc.
Mehl Mfg. Co.
New York Twine Corp.
Spear Box Co., Inc.
Steinman Paper Products
Sylvania Div., American Viscose Corp.
Wescott Products Corp.

CELLOPHANE SHIRT ENVELOPES
See: Envelopes, Shirt

CEMENT, ASBESTOS
Carey Mfg. Co., Philip
Johns-Manville
Fibrico Jointless Firebrick Co.
Raybestos-Manhattan, Inc.
Steelcote Mfg. Co.
Tingue, Brown & Co.

CEMENT, BELT
DuPont de Nemours & Co., Inc., E. I.
Goodrich Co., B. F.
Philadelphia Belting Co.
Virginia Leather Co.
Williams & Sons, I. B.

CEMENT, CANVAS (APRON)
Carman & Co., Inc.
Goodrich Co., B. F.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Pittsburgh Waterproof Co.
Superior Products Co.
Tingue, Brown & Co.
Virginia-Carolina Laundry Supply Co.
Washine National Sands, Inc.

CEMENT, FURNACE (ASBESTOS)
Carey Mfg. Co., Philip
Johns-Manville
McLeod & Henry Co., Inc.
Midland Paint & Varnish Co.
Fibrico Jointless Firebrick Co.
Ruberoid Co.

CEMENT, GASKET
DuPont de Nemours & Co., Inc., E. I.
Goodrich Co., B. F.
International Metal Polish Co.
Steelcote Mfg. Co.

CEMENT, LEATHER BELTING
Cornell Belting Co.
Goodrich Co., B. F.
Graton & Knight Co.
Milwaukee Leather Belting Co.
Philadelphia Belting Co.
Virginia Leather Co.
Warren Belting Co., Inc.
Webb Belting Co.
Williams & Sons, I. B.

CEMENT PAINT
See: Paint

CEMENT, REFRACTORY
Green Fire Brick Co., A. P.
Johns-Manville
McLeod & Henry Co., Inc.
Mexico Refractories Co.
Fibrico Jointless Firebrick Co.
Quigley Co., Inc.
Ramtite Co.

CEMENT, RUBBER
DuPont de Nemours & Co., Inc., E. I.
Goodrich Co., B. F.
Pennsylvania Rubber Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.
U. S. Stoneware Co.

CENTRIFUGAL PUMPS
See: Pumps (under specific headings)

CENTRIFUGAL PUMPS, SELF-PRIMING
See: Pumps (under specific headings)

CHAIN DRIVE
Boston Gear Works, Inc.
Diamond Chain Co., Inc.
Link-Belt Co.
Ramsey Chain Co., Inc.
Whitney Chain & Mfg. Co.

CHAIN DRIVE SPROCKETS
Boston Gear Works, Inc.
Diamond Chain Co., Inc.
Link-Belt Co.
Ramsey Chain Co., Inc.
Whitney Chain & Mfg. Co.

CHAIN GRATE STOKERS
See: Stokers

CHAIN TRANSMISSION
See: Transmission, Chain

CHANNEL ROOFING, METAL
See: Roofing, Channel, Metal

CHECK VALVES
See: Valves, Check

CHEMICAL FEEDERS
See: Feeders, Chemical

CHEMICAL PUMPS
See: Pumps, Chemical

CHEMICALS, BOILER WATER
See: Boiler Water Chemicals

CHEMICALS, STEAM TREATING
See: Steam Treating Chemicals

CHIMNEYS
See: Stacks

CHLORINATORS, WATER
Belco Industrial Equipment Div.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Keite Products, Inc.
Wallace & Tiernan Products, Inc.

CHLORINE CONTROL EQUIPMENT
Belco Industrial Equipment Div.
Hellige, Inc.
Hungerford & Terry, Inc.
Patterson Laboratories, Inc.
Taylor & Co., W. A.
Wallace & Tiernan Products, Inc.

CHLORINE, LIQUID
Arnold-Hoffman & Co., Inc.
Diamond Alkali Co.
DuPont de Nemours & Co., Inc., E. I.
Hooker Electrochemical Co.
Mathieson Chemical Corp.
Pennsylvania Salt Mfg. Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co., Inc.
Solvay Sales Div., Allied Chemical & Dye Corp.
Stauffer Chemical Corp.
Wallace & Tiernan Products, Inc.

CHLORINE TESTERS
See: Testers, Chlorine

CHLORINE TEST KITS
See: Test Kits, Chlorine

CHLOROFORM
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Mallinckrodt Chemical Works
Riverside Chemical Co., Inc.

CHUTES, METAL
Carll Sons, Chas. W.
Graver Tank & Mfg. Co. Inc.
Kirk & Blum M'fg. Co.

CIRCUIT BREAKERS
Automatic Temperature Control Co., Inc.
Cutler-Hammer, Inc.
General Electric Co.
Heinemann Electric Co.

CIRCULATING PUMPS
See: Pumps, Circulating

CLAMPS, COVER CLOTH
See: Cover Cloth Clamps or Strings

CLAMPS, FUSE
General Electric Co.
Ideal Industries, Inc.
Trico Fuse Mfg. Co.

CLAMPS, PIPE JOINT
Chase Brass & Copper Co.
Dresser Mfg. Div., Dresser Industries, Inc.
Time Savers, Inc.
Yarnall-Waring Co.

CLAMPS, PIPE REPAIR
Dresser Mfg. Div., Dresser Industries, Inc.
Yarnall-Waring Co.

CLARIFIERS, SOLVENT
See: Filters, Filter Powders, Stills, and Sweetening and Purifying Agents, Solvent

CLAY, BENTONITE
American Colloid Co.
Innis, Speiden & Co.
Salomon & Bro., L. A.
Wyotana Mining Co.

CLAY, COLLOIDAL
American Colloid Co.
Attapulgus Clay Co.
General Reduction Co.
Innis, Speiden & Co.
Salomon & Bro., L. A.
Van Chemical Co.
Wyotana Mining Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

CLEANERS, AIR
See: Air Cleaners

CLEANERS, CUFF
See: Cuff Cleaners

CLEANERS, DRAINPIPE
See: Drainpipe Cleaners

CLEANERS, PRESS
See: Press Cleaners

CLEANERS, PRESS HEAD
See: Press Head Cleaners

CLIPPER LACED APRONS
See: Aprons, Clipper Laced

CLIPS, HANGER
See: Hanger Clips

CLOCKS, TIME
See: Time Clocks

CLOCKS, WATCHMAN'S
Detex Watchclock Corp.

CLOTH, ASBESTOS
American Associated Companies
Johns-Manville
Pittsburgh Waterproof Co.
Raybestos-Manhattan, Inc.
Tingue, Brown & Co.

CLOTH BAGS
See: Bags, Cloth

CLOTH, CARDING
See: Carding Cloth

CLOTH, COVER
American Associated Companies
Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co., Inc.
Daniels, Inc., C. R.
Egan Cotton Mills
Franklin Textile Mills
Hettrick Mfg. Co.
Hooper & Sons Co., Wm. E.
Jones Co., C. Walker
Pittsburgh Waterproof Co.
Quality Products Co.
Recher & Co., R.
Revolite Sales Div., Atlas Powder Co.
Smith, Inc., X. S.
Southern Mills, Inc.
Stanley Co., Inc., John T.
Steinman Paper Co.
Stadham Co., Inc.
Tingue, Brown & Co.
Wagner Awning & Mfg. Co.
Whitehouse Products, Inc.
Zuckerberg Co.

CLOTH CUTTERS
See: Cutters, Cloth

CLOTH DAMPENERS
See: Dampeners, Cloth

CLOTH, FILTER
Burgess-Berliner Associates
Butler Mfg. Co.
Hopkins Equipment Co.
Raybestos-Manhattan, Inc.
Wagner Awning & Mfg. Co.

CLOTH, GLASS WOVEN
Owens-Corning Fiberglas Corp.
Raybestos-Manhattan, Inc.
Wagner Awning & Mfg. Co.

CLOTH, PRESS
American Associated Companies
Arms Textile Mfg. Co.
Burcott Mills
Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co.
Egan Cotton Mills
Hettrick Mfg. Co.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Norton & Williams, Inc.
Pittsburgh Waterproof Co.
Raybestos-Manhattan, Inc.
Revolite Sales Div., Atlas Powder Co.
Robins & Co., G. S.
Smith, Inc., X. S.
Southern Mills, Inc.
Stadham Co., Inc.
Tingue, Brown & Co.
U. S. Hoffman Machinery Corp.
Wagner Awning & Mfg. Co.
Whitehouse Products, Inc.
Zuckerberg Co.

CLOTH, SURFACE
Arms Textile Mfg. Co.
Callaway Mills, Inc.
Carson Textile Co.
Hettrick Mfg. Co.
Smith, Inc., X. S.
Stadham Co., Inc.
Tingue, Brown & Co.
Wagner Awning & Mfg. Co.

CLOTH TESTERS
See: Testers, Cloth and Fabric

CLOTHING, WASHROOM, RUBBER
See: Washroom Clothing

COAL AND ASH CONVEYORS
See: Conveyors, Coal and Ash

COILS, HEATING AND COOLING
Davis Engineering Corp.
Hopkins Equipment Co.
Modine Mfg. Co.
Trane Co.
Whitlock Mfg. Co.
Young Radiator Co.

COILS, TUMBLER
Armstrong Machinery Co.

COLLAR AND CUFF FASTENERS
See: Fasteners, Collar and Cuff

COLLAR AND SEAM DAMPENERS
See: Dampeners, Collar and Seam

COLLAR, CUFF AND NECK BAND REPLACEMENTS
See: Replacements, Collar, Cuff and Neck Band

COLLAR FORMS
American Laundry Machinery Co.
Carman & Co., Inc.
Huebsch Mfg. Co.
New York Pressing Machinery Corp.
Patek & Co.
Steele & Co., J. W.

COLLAR IRONERS
See: Ironers, Collar

COLLAR PROTECTORS
See: Protectors, Collar

COLLAR SHAPERS
See: Shapers, Collar

COLLAR SMOOTHERS
Collar Smooth Sales Co.
Key-Tag Checking System Co.

COLLAR SUPPORTS
Academy Paper Box Co.
Anderson, Glenn L.
Andrew Paper Box & Bag Corp.
Carman & Co., Inc.
Dee Paper Co.
Gronauer Co., M. H.
Hodge, Farwell & Co.

STA-RITE COLLAR SUPPORTS

Easily attached with one hand inside collar band or under collar. No folding ... no creasing. Save time. Cost less.

Order from your jobber.

HODGE, FARWELL & COMPANY
129 N. Sacramento Blvd., Chicago 12, Ill.

Laundry Packaging Corp.
Lorico Industries, Inc.
Marion Mfg. Co.
Package Masters
Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steele & Co., J. W.
Steinman Paper Co.
Sure-Hold Div., Nashua Gummed & Coated Paper Co.
Time Savers, Inc.
Wescott Products Corp.

COLLODION REMOVER
See: Spot Removers, Spotting Agents, Stain Removers

COLLOIDAL CLAY
See: Clay, Colloidal

COLORIMETRIC DETERMINATION CHLORINE TEST KITS
See: Test Kits, Colorimetric Determination, Chlorine

COLORIMETRIC TESTING SETS
See: Testing Sets, Colorimetric

COLOR-MATCHING LAMPS
See: Lamps, Color-Matching and Daylight

COLUMNS, WATER
Defender Instrument & Regulator Co.
Stout & Sons, David
Wright-Austin Co.
Yarnall-Waring Co.

COMBUSTION CONTROLS
See: Controls and Regulators (under specific headings)

COMBUSTION RECORDERS
See: Recorders, Combustion

COMPENSATING FEED STOKERS
See: Stokers

COMPOSITION BUTTONS
See: Buttons

COMPOSITION HAND TRUCKS
See: Trucks, Industrial

COMPOUND, BOILER REPAIR
See: Boiler Repair Compound

COMPOUND, GASKET
See: Gasket Compound

COMPOUNDS, ALKALI SPECIAL
See: Alkali Compounds, Special

COMPOUNDS, RUG CLEANING AND FINISHING
See: Rug Cleaning and Finishing Compounds

COMPOUNDS, WASHING
Acme Soap Co.
Alrose Chemical Co.
Armour & Co.
Beach Soap Co.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Colgate-Palmolive-Peet Co.
Cresent Chemical Div., Hood Chemical Co., Inc.
Cowles Chemical Co.
Delsey Industries, Inc.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
General Dyestuff Corp.
Huntington Laboratories, Inc.
Kelite Products, Inc.
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Magnus Chemical Co., Inc.
McDonnell & Miller, Inc.
Merson Products Co.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Compounds, Washing *(Continued)*

Oakite Products Co.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Philadelphia Quartz Co.
Phoenix Oil Co.
Riversale Chemical Co., Inc.
Robins & Co., G. S.
Solvay Sales Div., Allied Chemical & Dye Corp.
Standard Soap Co. of Camden
Swift & Co.
Texas Soap Mfg. Corp.
Theobald Industries
Van Chemical Co.
Wyandotte Chemicals Corp.

COMPRESSED AIR VALVES

See: Valves, Compressed Air

COMPRESSORS, AIR

American Air Compressor Co.
American Brake Shoe Co., Kellogg Div.
Binks Mfg. Co.
Brunner Mfg. Co.
C. & H. Electric Co.
Cooper-Bessemer Corp.
Deere Co.
DeVilbiss Co.
Gardner-Denver Co.
Grimes Co.
Ingersoll-Rand Co.
Roots-Connersville Blower Corp.
Schramm, Inc.
Wayne Pump Co.
Westinghouse Air Brake Co., Industrial Div.
Worthington Pump & Machinery Corp.

CONCRETE HARDENER

See: Hardener, Concrete

CONCRETE PAINT

See: Paint

CONDENSATE STEAM RETURN SYSTEMS

See: Return Systems, Steam Condensate

CONDENSATION METERS

See: Meters, Condensation

CONDENSATION PUMPS

See: Pumps, Condensation Return

CONDENSERS

Davis Eng. Corp.
Dryco Corp.
General Electric Co.
Haertel Co., Walter
Newhouse Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Taco Heaters, Inc.
Worthington Pump & Machinery Corp.

CONDENSERS, ELECTRIC

Ingersoll-Rand Co.

CONDENSERS, STEAM

Glover, Inc., Bill
Ingersoll-Rand Co.
Patterson-Kelley Co., Inc.
Worthington Pump & Machinery Corp.

CONDITIONERS, AIR

See: Air Conditioners

CONDITIONERS, WATER, CHEMICAL

See: Water Conditioners, Chemical

CONDITIONERS, WATER, MECHANICAL

See: Water Conditioners, Mechanical

CONNECTORS, FLEXIBLE

American Brass Co., American Metal Hose Branch
Chicago Metal Hose Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Johnson Metal Hose, Inc.

CONNECTORS, STEAM

American Brass Co., American Metal Hose Branch
Chicago Metal Hose Corp.
Packless Metal Products Corp.
Taco Heaters, Inc.

CONSULTANTS, MANAGEMENT

See: Engineers, Management

CONTROLS, AUTOMATIC

See: Specific headings below and also Timers, Washer

CONTROLS, EXTRACTOR

See: Extractor Cycle Control, Automatic

CONTROLS AND REGULATORS, COMBUSTION AND DRAFT

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bressler Eng. Service
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Canton Stoker Corp.
Cash Co., A. W.
Chicago Automatic Stoker Co.
Combustion Control Corp.
Conco Eng. Works, Div. of H. D. Conkey & Co.
Defender Instrument & Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Engineer Co.
Hays Corp.
National Airoil Burner Co.
Perfex Corp.
Photoswitch, Inc.
Preferred Utilities Mfg. Co.
Republic Flow Meters Co.
Ruggles Klingemann Mfg. Co.

CONTROLS AND REGULATORS, FEED WATER

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Campbell Co., J. A.
Combustion Control Corp.
David Regulator Co.
Defender Instrument & Regulator Co.
Eclipse Fuel Engineering Co.
Foxboro Co.
Johnson Corp.
Kisco Boiler & Engineering Co.
Klipfel Mfg. Co.
Lattner Mfg. Co., P. M.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Northern Equipment Co.
Photoswitch, Inc.
Republic Flow Meters Co.
Schaub Engineering Co., Inc., Fred H.
Sterling, Inc.
Tagliabue Div., C. J., Portable Products Corp.
Texas Eng. Corp.
Wright-Austin Co.

CONTROLS AND REGULATORS, FEED WATER TEST

Automatic Temperature Control Co., Inc.
Brown Instrument Co. Div. Minneapolis Honeywell Regulator Co.
Elgin Softener Corp.
Foxboro Co.
Klipfel Mfg. Co.
National Aluminate Corp.
Tagliabue Div., C. J., Portable Products Corp.
Taylor & Co., W. A.

CONTROLS AND REGULATORS, FLOW

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
Hays Corp.
Keckley Co., O. C.
Klipfel Mfg. Co.
Leslie Co.
McDonnell & Miller, Inc.
Republic Flow Meters Co.
Sterling, Inc.
Texas Eng. Corp.

CONTROLS AND REGULATORS, LIQUID LEVEL

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Campbell Co., J. A.
Cash Co., A. W.
Cutler-Hammer, Inc.
David Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
General Electric Co.
Hagan Corp.
Hays Corp.
Johnson Corp.
Keckley Co., O. C.
Kisco Boiler & Engineering Co.
Klipfel Mfg. Co.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Northern Equipment Co.
Photoswitch, Inc.
Preferred Utilities Mfg. Corp.
Sarco Co., Inc.
Schaub Engineering Co., Inc., Fred H.
Stephens-Adamson Mfg. Co.
Tagliabue Div., C. J., Portable Products Corp.
U. S. Gauge Div. of American Machine & Metals, Inc.
Wright-Austin Co.

CONTROLS AND REGULATORS, MOTOR

Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cutler-Hammer, Inc.
Defender Instrument & Regulator Co.
General Electric Co.
Keckley Co., O. C.
Klipfel Mfg. Co.
Sterling, Inc.

CONTROLS AND REGULATORS, PHOTOELECTRIC

Automatic Temperature Control Co., Inc.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
General Electric Co.
Mettler Co., Lee B.
Photoswitch, Inc.
Rosenthal Mfg. Co.
Weston Electrical Instrument Corp.

CONTROLS AND REGULATORS, PRESSURE

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cash Co., A. W.
Clark Mfg. Co.
Cutler-Hammer, Inc.
David Regulator Co.
Defender Instrument & Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Eclipse Fuel Engineering Co.
Engineer Co.
Foxboro Co.
General Electric Co.
Hays Corp.
Keckley Co., O. C.
Klipfel Mfg. Co.
Leslie Co.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Northern Equipment Co.
Perfex Corp.
Powers Regulator Co.
Republic Flow Meters Co.
Ruggles Klingemann Mfg. Co.
Strong, Carlisle & Hammond Co.
Tagliabue Div., C. J., Portable Products Corp.
U. S. Gauge Div. of American Machine & Metals, Inc.

CONTROLS AND REGULATORS, PUMP

Campbell Co., J. A.
Johnson Corp.
Kisco Boiler & Engineering Co.
McDonnell & Miller, Inc.
Schaub Engineering Co., Inc., Fred H.

CONTROLS AND REGULATORS, SOLVENT STILL

McDonnell & Miller, Inc.
Mitchell Co., J. B.

CONTROLS AND REGULATORS, TEMPERATURE

American Laundry Machinery Co.
Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Foxboro Co.
Haertel Co., Walter
Keckley Co., O. C.
Klipfel Mfg. Co.
Leslie Co.
Mason-Neilan Regulator Co.
Mitchell Co., J. B.
Perfex Corp.
Powers Regulator Co.
Pyrometer Instrument Co., Inc.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Rosenthal Mfg. Co.
Ruggles Klingemann Mfg. Co.
Sarco Co., Inc.
Sterling, Inc.
Tagliabue Div., C. J., Portable Products Corp.
Weston Electrical Instrument Corp.

CONTROLS AND REGULATORS, TIME

Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Bristol Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cramer Co., Inc., R. W.
Foxboro Co.
General Electric Co.
Perfex Corp.
Photoswitch, Inc.
Rosenthal Mfg. Co.
Tablabue Div., C. J., Portable Products Corp.
Tork Clock Co., Inc.

CONTROLS AND REGULATORS, VACUUM

Automatic Temperature Control Co., Inc.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cutler-Hammer, Inc.
Defender Instrument & Regulator Co.
Foxboro Co.
Leslie Co.
Mason-Neilan Regulator Co.
Northern Equipment Co.
Perfex Corp.
Sterling, Inc.

CONTROLS AND REGULATORS, VALVE

Anthony Co.
Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cutler-Hammer, Inc.
Defender Instrument & Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Foxboro Co.
Hays Corp.
Keckley Co., G. C.
Klipfel Mfg. Co.
Leslie Co.
McDonnell & Miller, Inc.
Powers Regulator Co.
Republic Flow Meters Co.
Ruggles Klingemann Mfg. Co.
Sterling, Inc.
Strong, Carlisle & Hammond Co.
Taglabue Div., C. J., Portable Products Corp.

CONTROLS AND REGULATORS, VOLTAGE

General Electric Co.
Mason-Neilan Regulator Co.

CONTROLS AND REGULATORS, WASHER CYCLE

See: Timers, Washers

CONVECTORS AND EVAPORATORS

Modine Mfg. Co.
Trane Co.

CONVERTERS, ROTARY

General Electric Co.
Kato Engineering Co.

CONVEYORS, COAL AND ASH

Brady Conveyors Corp.
Goodrich Co., B. F.
Hager Bros.
Link-Belt Co.
Stephens-Adamson Mfg. Co.

CONVEYORS, COUNTING

B & G Machinery Co., Inc.
Leclaire Mfg. Co.

CONVEYORS, GO-BACK

B & G Machinery Co., Inc.
Link-Belt Co.
National Marking Machine Co.
Rosenthal Mfg. Co.
Time Savers, Inc.

CONVEYORS, HANDKERCHIEF

B & G Machinery Co., Inc.
Link-Belt Co.
National Marking Machine Co.
Time Savers, Inc.

CONVEYORS, IRONING ROOM

Allen Billmyre Div., Lamson Corp.
Atlas Steel Products, Inc.
B & G Machinery Co., Inc.
Link-Belt Co.
National Marking Machine Co.
Time Savers, Inc.

CONVEYORS, MONORAIL

Allen Billmyre Div., Lamson Corp.
American Monorail Co.
B & G Machinery Co., Inc.
Link-Belt Co.
Louden Machinery Co.
National Marking Machine Co.
Time Savers, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

CONVEYORS, PACKAGE DISCHARGE

Allen Billmyre Div., Lamson Corp.
B & G Machinery Co., Inc.
Link-Belt Co.
Market Forge Co.
National Marking Machine Co.
Rapids-Standard Co., Inc.
Stephens-Adamson Mfg. Co.

CONVEYORS, PNEUMATIC, BULK

Eastern Cyclone Conveyor System, Inc.

CONVEYORS, RUG DRYING

American Laundry Machinery Co.
Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.
United Vacuum Appliance Corp.

CONVEYORS, SHIRT

Allen Billmyre Div., Lamson Corp.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Link-Belt Co.
National Marking Machine Co.
Steele & Co., J. W.

CONVEYORS, SPEED RAIL

B & G Machinery Co., Inc.
Cleaners Sales & Equipment Corp.
Dahlberg Machinery Co.
Time Savers, Inc.
White Machine Co., Inc.

CONVEYORS, STEAM JET ASH

Brady Conveyors Corp.

CONVEYORS, TEXTILE MILLS

Allen Billmyre Div., Lamson Corp.
Link-Belt Co.
Rapids-Standard Co., Inc.

CONVEYORS, WHEELED CART

See: Carts, Garment

COOKERS, STARCH

American Laundry Machinery Co.
Bishop Co., G. H.
Hammond Laundry-Cleaning Machinery Co.
Industrial Laundry Machinery Co., Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

COOLERS, OIL, WATER, AIR

Butler Mfg. Co.
Davis Engineering Corp.
Frigidaire Div., General Motors Corp.
General Electric Co., Air Conditioning Dept.
Murray Mfg. Co., D. J.
Patterson-Kelley Co., Inc.
Penlosky Engineering Corp.
Whitlock Mfg. Co.
Worthington Pump & Machinery Corp.
Young Radiator Co.

COOLING UNITS, FUR VAULT

See: Refrigeration, Mechanical

COPPER AND BRASS

Bridgeport Brass Co.
Chase Brass & Copper Co.

COPPER TUBING

See: Tubing, Copper

CORD, IRONER

See: Ironer Cord

CORN STARCH

See: Starch, Corn

CORROSION-RESISTANT VALVES

See: Valves, Corrosion-Resistant

COTTON BAGS

See: Bags (under specific headings)

COTTON NETS

See: Nets, Laundry

COTTON PADDING

See: Pads and Padding, Press and Ironer

COTTON THREAD

See: Thread

COTTON UNIFORMS

See: Uniforms, Cotton, Woolen, Worsted, etc.

COUNTERS, AUTOMATIC

Cummings Landers Laundry Machinery Co., Inc.
Durant Mfg. Co.
Fre-Ur-Pac, Inc.
Photoswitch, Inc.
Pioneer Development Co.
Stevenson Co.
Veeder-Root, Inc.

COUPLINGS, FLEXIBLE

Boston Gear Works, Inc.
Chicago Metal Hose Corp.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Iron Works
De Laval Steam Turbine Co.
Diamond Chain Co., Inc.
Diamond Metal Products Co.
Dresser Mfg. Div., Dresser Industries, Inc.
Eclipse-Pioneer Div., Bendix-Aviation Corp.
Link-Belt Co.
Packless Metal Products Corp.
Whitney Chain & Mfg. Co.
Wood's Sons Co., T. B.

COUPLINGS, PIPE

Chase Brass & Copper Co.
Chicago Metal Hose Corp.
Dahlberg Machinery Co.
Diamond Metal Products Co.
Dresser Mfg. Div., Dresser Industries, Inc.
Time Savers, Inc.
Walworth Co.

COUPLINGS, SHAFT

Ramsey Chain Co., Inc.
Wood's Sons Co., T. B.

COVER CLOTH

See: Cloth, Cover

COVER CLOTH CLAMPS OR SPRINGS

Callaway Mills, Inc.
Resolite Sales Div., Atlas Powder Co.
Roslon Mfg. Co.
Smith, Inc., X. S.
Steele & Co., J. W.
Time Savers, Inc.
Wagner Awning & Mfg. Co.

COVERS, BAR

See: Hanger Shields and Guards

COVERS, BUTTON AND BUCKLE

Massant Button & Supply Co.
Potek & Co.
Prym, Inc., Wm.

COVERS, COTTON PRESS

See: Press Covers

COVERS, DUCK PRESS

See: Press Covers

COVERS, MOLESKIN PRESS

See: Press Covers

COVERS, NYLON PRESS

See: Press Covers

COVERS, SATEEN PRESS

See: Press Covers

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

COVERS, SHEETING PRESS
See: Press Covers

COVERS, SYNTHETIC PRESS
See: Press Covers

COVERS, WOOL PRESS
See: Press Covers

CRANES, OVERHEAD ELECTRIC
American Monorail Co.
Conco Engineering Works, Div. H. D. Conkey & Co.
Louden Machinery Co.

CUFF BRUSHES
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Little Giant Specialties
Medalie Mfg. Co.
Newhouse Co.

CUFF TACKERS
Bostitch, Inc.
Chandler Machine Co.

CURTAIN DRIERS
See: Driers, Woolen and Curtain

CURTAIN HANGERS
See: Hangers, Curtain and Drapery

CURTAIN STRETCHERS
See: Stretchers, Curtain

CUTTERS, BELT
Clipper Belt Lacer Co.
Detroit Belt Lacer Co.
Flexible Steel Lacing Co.

CUTTERS, CLOTH
Time Savers, Inc.
Wolf Machine Co.

CYLINDERS, METAL
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Cummings-Landau Laundry Machinery Co., Inc.
Ellis Drier Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Henrici Laundry Machinery Co.
Mitchell Co., J. B.
Ohio Centrifugals Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Standard Laundry & Cleaning Machinery Co.
U. S. Hoffman Machinery Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Zephyr Laundry Machinery Co.

CYLINDERS, WOOD
American Laundry Machinery Co.
Arrow Tank Co., Inc.
B & G Machinery Co., Inc.
California Laundry Equipment Co.
Chicago Dryer Co.
Cleveland Rug Cleaning Machinery Co.
Cummings-Landau Laundry Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Marvel Mfg. Co.
Mitchell Co., J. B.
Poland Laundry Machinery Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Standard Laundry & Cleaning Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
West Coast Laundry Machinery Co.
Zephyr Laundry Machinery Co.

DAMPENERS, CLOTH
Rosenthal Mfg. Co.
Steele & Co., J. W.
Time Savers, Inc.

DAMPENERS, COLLAR AND SEAM
Bishop Co., G. H.
National Marking Machine Co.

DAMPENERS, SPRAY
Bishop Co., G. H.
Hopkins Equipment Co.
Paasche Airbrush Co.

DARNING AND MENDING MACHINES
Chandler Machine Co.
Maxant Button & Supply Co.
Simmons Machine Co.

DATING MACHINES
American Numbering Machine Co.
Stafford Co., N.

DAYLIGHT LAMPS
See: Lamps, Color-Matching and Daylight

DECALCOMANIA
Meyercord Co.

DEGREASING SOLVENT
Carbide & Carbon Chemical Corp., Unit of Union Carbide & Carbon Corp.
Delray Industries, Inc.
Detrex Corp.
Diamond Alkali Co.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Kelite Products, Inc.
Magnus Chemical Co., Inc.
Merchants Chemical Co., Inc.
Oakite Products, Inc.
Pennsylvania Salt Mfg. Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Solvay Sales Div., Allied Chemical & Dye Corp.
Standard Soap Co. of Camden
Theobald Industries
Turco Products, Inc.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

DE-HUMIDIFIERS
Carman & Co., Inc.
Clarage Fan Co.
Dow Chemical Co.
General Electric Co. Air Conditioning Dept.
Haertel Co., Walter
Hopkins Equipment Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard
Solvay Sales Div., Allied Chemical & Dye Corp.
Trane Co.

DEODORANTS
Adco, Inc.
Allen & Vickers, Inc.
Aroscent, Inc.
Bailey, Prihoda & Co.
Caled Products Co., Inc.
Carman & Co., Inc.
Cidex Corp.
Clorox Chemical Co.
Conodize Sales Co.
Davis-Weil Mfg. Co.
DuPont de Nemours & Co., Inc., E. I.
Germaclean, Inc.
Huntington Laboratories, Inc.
Kelite Products, Inc.
Mathieson Chemical Corp.
Mead Co., Geo. E.
Nyeco Products Co.
Oakite Products, Inc.
Pennsylvania Salt Mfg. Co.
Perm-Aseptic Corp.

Clothing Body Odors Eliminated with
PERM-Aseptic
Write for all details
PERM-Aseptic Corp.

Per-Mo Products Co.
Sirotta Co., Bernard
Solvay Sales Div., Allied Chemical & Dye Corp.
Thompson-Hayward Chemical Co.
Turco Products, Inc.
Van Chemical Co.
Wyandotte Chemicals Corp.

DEODORIZING CABINETS
See: Cabinets, Deodorizing and Drying

DEODORIZING MACHINES
Butler Mfg. Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Mitchell Co., J. B.
Standard Laundry & Cleaning Machinery Co.
U. S. Hoffman Machinery Corp.

DESIGNERS AND BUILDERS
See: Builders and Designers

DESIZING AGENTS
Allen & Vickers, Inc.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Mead Co., George E.
Marson Products Co.
Takamine Laboratory, Inc.
Wolf & Co., Jacques

DESIZING AGENTS, NON-ENZYMIC
Mead Co., Geo. E.

DETERGENTS, SPECIAL DRY-CLEANING
Adco, Inc.
Adell Chemical Co.
Allen & Vickers, Inc.
Alrose Chemical Co.
Armour & Co.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Davis-Weil Mfg. Co.
Delan Co.
Delray Industries, Inc.
Dixo Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Emery Industries, Inc.
General Dyestuff Corp.
Hardin Co., Inc., J. L.
Huntington Laboratories, Inc.
Industrial Chemicals Div., Atlas Powder Co.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Magnus Chemical Co., Inc.
Marson Products Co.
O. D. Chemical Co.
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Rayochem Products Co.
Riverside Mfg. Co.
Schundler & Co., Inc., F. E.
Spix Products Co.
Standard Soap Co. of Camden
Takamine Laboratory, Inc.
Theobald Industries
Trico Chemical Div. of Tri-State Equipment Co.
Tru-Sheen Corp.

TRU-SHEEN CONCENTRATE
Low Price
Highest Quality
Perfect moisture control
TRU-SHEEN CORP. — RICHMOND, CALIF.

DETERGENTS, SPECIAL WET-CLEANING
Adco, Inc.
Adell Chemical Co.
Allen & Vickers, Inc.
Alrose Chemical Co.
Apex Chemical Co., Inc.
Armour & Co.
Aurora Mfg. Co.
Caled Products Co., Inc.
Colgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carlton Chemical Co., Inc.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Colgate-Palmolive-Peet Co.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Delray Industries, Inc.
Diamond Alkali Co.
Dixo Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
General Dyestuff Corp.
Houghton & Co., E. F.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Kelite Products, Inc.
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Laundry Chemicals Co.
Lewis National Corp.
Magnus Chemical Co., Inc.
Mathieson Chemical Corp.
Merson Products Co.
National Cleaners Chemical Mfg. Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 234

North Coast Chemical & Soap Works
Oakite Products, Inc.
O. D. Chemical Co.
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Philadelphia Quartz Co.
Procter & Gamble Distributing Co.
Ravochem Products Co.
Riverside Mfg. Co.
Rumford Div., Heyden Chemical Corp.
Schundler & Co., Inc., F. E.
Solvay Sales Div., Allied Chemical & Dye Corp.
Speare Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Stauffer Chemical Co.
Swift & Co.
Takamine Laboratory, Inc.
Theobald Industries
Thompson-Hayward Chemical Co.
Van Chemical Co.
Wilson Chemical Co., A. L.
Wolf & Co., Jacques
Wyandotte Chemicals Corp.

DETERGENTS, SYNTHETIC
See: Synthetic Detergents

DIAPER BAGS
See: Bags, Diaper

DIAPER CAN DEODORANTS
Sani-Top Co.

DIAPER CANS
Dover Stamping Co.
Sani-Top Co.
Youngstown Container Corp.

DIAPER COUNTERS
See: Counters, Automatic

DIAPERS
American Associated Companies
Sani-Top Co.
Smith, Inc., X. S.
Stevenson Co.

DIAPER STEAM STERILIZERS
See: Sterilizers, Steam, Diaper

DIESEL ENGINES
See: Engines, Diesel

DIESEL GENERATORS
See: Generators, Electric

DIESEL POWER UNITS
See: Power Units, Diesel

DIESEL TRUCKS
See: Trucks, Industrial

DIGESTIVE AGENTS, SPOTTING
Allen & Vickers, Inc.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Dunaway Co., H. D.
Greenville Chemical Co.
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Mead Co., George E.

N O S O K
Instant Acting Liquid DIGESTER for Spotting Board Use. Dilute. Apply sparingly. Manipulate. Immediately Flush with Steam Gun. From Your Jobber or Write Direct.
GEORGE E. MEAD CO.
Whittier California

Merson Products Co.
Patek & Co.
Takamine Laboratory, Inc.
Trico Chemical Div. of Tri-State Equipment Co.
Wallerstein Co., Inc.
Wolf & Co., Jacques

DIGESTIVE AGENTS, NON-ENZYMIC
Mead Co., Geo. E.

DIPPERS, DYE
Frye & Son, E. B.

DIPPERS, STARCH
Bishop Co., G. H.

DIP TANKS
See: Water Repellent Dip Tanks

DISCS, VALVE (REPLACEMENTS)
See: Valve Discs

DISH TOWEL REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

DISINFECTANTS
Adco, Inc.
Alrose Chemical Co.
Carman & Co., Inc.
Cidex Corp.
Clorox Chemical Co.
Continental Car-Na-Var Corp.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Germaclean, Inc.
Huntington Laboratories, Inc.
Kelite Products, Inc.
Mathieson Chemical Corp.
Oakite Products, Inc.
Patek & Co.
Patterson Laboratories, Inc.
Pennsylvania Salt Mfg. Co.
Perm-Aseptic Corp.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co., Inc.
Sani-Top Co.
Sirotta Co., Bernard
Standard Soap Co. of Camden
Texas Soap Mfg. Corp.
Thompson-Hayward Chemical Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Turco Products, Inc.
Van Chemical Co.
Wyandotte Chemicals Corp.

DISINFECTORS
American Steriliser Co.

DISPENSERS, SOAP
Adco, Inc.
Caled Products Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Huntington Laboratories, Inc.
Phoenix Oil Co.
Steiner Sales Co.
Theobald Industries
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Turco Products, Inc.
Van Chemical Co.

DISPENSERS, SOAP, DRYCLEANING
Caled Products Co., Inc.
Dryco Corp.
Cissell Mfg. Co., Inc., W. M.
Hopkins Equipment Co.

Hopkins **SOAP DISPENSERS**
Saves time! Saves soap! Saves money! Can be used with any kind or any mixture of soap. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

Wolke Co., A. F.

DISPLAY CASES
Time Savers, Inc.

DOLLIES
Anderson Box & Basket Co., Inc.
Angle Steel Stool Co.
Bishop Co., G. H.
Fairbanks Co.
Hamilton Caster & Mfg. Co.
Kentucky Box & Truck Co.
Lewis-Shepard Products, Inc.
Nutting Truck & Caster Co.

DOORS, FURNACE INSPECTION
McLeod & Henry Co., Inc.
National Airoil Burner Co.
Plibrico Jointless Firebrick Co.
Ramtite Co.
Reintjes, George P.

DRAFT CONTROLS
See: Controls and Regulators (under specific headings)

DRAFT GAUGES
Bristol Co.
Defender Instrument & Regulator Co.
Dwyer Mfg. Co., F. W.
Hays Corp.
U. S. Gauge Div. of American Machine & Metals, Inc.

DRAFT REGULATORS
See: Controls and Regulators (under specific headings)

DRAIN TRAPS
See: Traps, Drain

DRAINPIPE CLEANERS
Diamond Alkali Co.
Heller & Co., B.
Oakite Products, Inc.
Patterson Laboratories, Inc.
Turco Products, Inc.

DRAPERY HANGERS
See: Hangers, Curtain and Drapery

DRESSINGS, BELT
Cornell Belting Co.
Graton & Knight Co.
Heller & Co., B.
Houghton & Co., E. F.
Philadelphia Belting Co.
Standard Oil Co.
Virginia Leather Co.
Webb Belting Co.
Williams & Sons, I. B.

DRESSINGS, SUEDE
Davies-Young Soap Co.
Keystone Aniline & Chemical Co.
Kirk's Leather Cleaners
National Cleaners Chemical Mfg. Co.
Patek & Co.

DRESS-SHIRT BAGS
See: Bags, Dress-Shirt

DRIERS, GARMENT, HOT AIR
American Laundry Machinery Co.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Glover, Inc., Bill
Gross Machinery Co., Inc.
Hopkins Equipment Co.
Martin Equipment Corp.
Marvel Mfg. Co.
National Dryer Mfg. Co.
Ohio Centrifugals Co.
Poland Laundry Machinery Co.
Tri-Pak Machinery Service, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

DRIERS, HAT
See: Hatters' Equipment

DRIERS, HOSIERY AND SOCK
Cissell Mfg. Co., Inc., W. M.
Huebsch Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

DRIERS, INFRA-RED
Miskella Infra-Red Co.
North American Electric Lamp Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 264

DRIERS, RUG AND CARPET

American Laundry Machinery Co.
Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.
Miller Co., A. O.
Proctor & Schwartz, Inc.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

DRIERS, WINDWHIP

Cissell Mfg. Co., Inc., W. M.
Hopkins Equipment Co.
Huebsch Mfg. Co.
U. S. Hoffman Machinery Corp.

DRIERS, WOOL AND CURTAIN

American Laundry Machinery Co.
Chicago Dryer Co.
Hopkins Equipment Co.
National Dryer Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

DRINKING FOUNTAINS

Crane Co.
Ebco Mfg. Co.
Frigidaire Div., General Motors Corp.
General Electric Co.

DRIVE, CHAIN

See: Chain Drive

DRIVERS' BADGES

See: Badges, Drivers'

DRIVES, "V" BELT

See: "V" Belt Drives

DRUMS, FUR CLEANING

See: Fur Cleaning Equipment

DRYCLEANERS' BAGS

See: Bags, Drycleaners'

DRYCLEANING BRUSHES

See: Brushes

DRYCLEANING EXTRACTORS

See: Extractors, Drycleaning

DRYCLEANING PRESSES

See: Presses, Drycleaning, Manually Operated, or Presses, Drycleaning, Power Operated

DRYCLEANING SOAPS

See: Soaps, Drycleaning

DRYCLEANING SOLVENTS, SYNTHETIC

See: Solvents, Chlorinated (Synthetic)

DRYCLEANING SYSTEMS USING PETROLEUM SOLVENT

All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Butler Mfg. Co.
Cummings-Landau Laundry Machinery Co., Inc.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Harmon Products Corp.
Indiana Mfg. Co.
Industrial Mfg. Co.
Martin Equipment Corp.
Marvel Mfg. Co.
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
Pantex Mfg. Corp.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
140-F Units
for 35 to 200 lb. loads
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Zephyr Laundry Machinery Co.

DRYCLEANING SYSTEMS USING PETROLEUM SOLVENT

All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Butler Mfg. Co.
Cummings-Landau Laundry Machinery Co., Inc.
Fabric Laundry & Dry Cleaning Machinery Corp.
Hammond Laundry-Cleaning Machinery Co.
Harmon Products Corp.
Industrial Mfg. Co.
Martin Equipment Corp.
Marvel Mfg. Co.
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
Pantex Mfg. Corp.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
Balanced Units
for 35 to 200 lb. loads
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Vic Cleaning Machine Co.
Western Laundry Machinery Co.
Zephyr Laundry Machinery Co.

DRYCLEANING SYSTEMS USING SYNTHETIC SOLVENT

American Laundry Machinery Co.
Ayr-Mor Machinery Co.
Band Box Corp.

BAND BOX
Priced Right for Your Pocketbook
Write for Complete Information Today
THE BAND BOX CORP.
2301 Chouteau Ave. St. Louis 3, Mo.

Butler Mfg. Co.
Columbia Appliance Corp.
Detrex Corp.
Gross Machinery Co., Inc.
Harmon Products Corp.
Manitowoc Mfg. Div. of Manitowoc Shipbuilding Co.
Martin Equipment Corp.

Martinizing
SEE OUR AD ON PAGE 127

Mechanical Products Co.
Perry Corp., E. J.

E. J. PERRY CORP.
FALL RIVER, MASS.
Manufacturers of Synthetic and Stoddard Solvent Combinations, Washers, Extractors, and Dryers.
50-75-100-150 lb. Capacities

Prosperity Co., Inc.
Ron-Lin, Inc.
Sec-O-Matic Corp.
Shields Engineering & Mfg. Co.

SHIELDS
SYNTHETIC DRY CLEANER
Shields
EST. 1915
ENGINEERING AND MANUFACTURING CO.
273 EAST 156th STREET
CLEVELAND 10, OHIO

Temple Co., A. B.
U. S. Hoffman Machinery Corp.

HOFFMAN
Automatic NU-CLEANING UNITS
30- and 60-pound sizes
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Vic Cleaning Machine Co.
Wolverine Sales Co.

DRYCLEANING TUMBLERS

See: Tumblers, Drycleaning

DRYCLEANING WASHERS

See: Washers, Drycleaning, Metal, or Washers, Drycleaning, Wood

DRYING CABINETS

See: Cabinets, Deodorizing and Drying

DRY ROOMS

American Laundry Machinery Co.
Butler Mfg. Co.
Chicago Dryer Co.
Chief Mfg. Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Industrial Mfg. Co.
Kisco Boiler & Engineering Co.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

DUCK APRONS

See: Aprons, Canvas or Duck

DUCK, COVERS

See: Press Covers or Cloth, Cover

DUMBWAITERS

Lewis-Shepard Products, Inc.

DUMP VALVES, WASHER

See: Valves, Washer Dump

DUPLICATING MACHINES

Addressograph-Multigraph Corp.

DUSTERS, RUG AND CARPET

American Laundry Machinery Co.
Chief Mfg. Co.
Cleveland Rug Machinery Co.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

DUSTING WHEELS, RUG AND CARPET

See: Rug and Carpet Cleaning Equipment

DYE DIPPERS

See: Dippers, Dye

DYE KETTLES

Hall & Sons, Amos H.
Hamilton Copper & Brass Works, Inc.

DYE MACHINES

Fabric Laundry & Drycleaning Machinery Corp.
Glover, Inc., Bill
Hammond Laundry-Cleaning Machinery Co.

DYE PADS

Caled Products Co., Inc.
Dye-A-Spot Co.
Eaton Chemical & Dyestuff Co.
Loebl Dye Works, Inc.
Merson Products Co.
Package Chemical Co., Inc.
Patek & Co.

DYEING, GARMENT

Acme Dye House, Inc.
Almore Dye House
American Dyeing & Cleaning Co.
Central Dyeing Co.
Commercial Dye Works
Electric City Dyeing Co.
Empire Cleaning & Dyeing Works
Fisher Dye Works
General Dyeing Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Graham Quality Dyers

GRAHAM QUALITY DYERS
Wholesale Dyers Since 1909
Coast to Coast Service
608 S. Tripp Ave. Chicago 24, Ill.

Imperial Dye House
Indiana Dye House
Jacobson Dye Works, Lawrence
Kran-Mer Corp.
Little Frenchman's Dye Works

"OUR DYEING PROFITS YOU"
F. O. Elsbach and Specialists
handle all dye work carefully & promptly.
(Write for wholesale prices & color chart)
LITTLE FRENCHMAN'S DYE WORKS
921 N. 25th St., Waco, Texas
PHONE: 2-2621

Loebl Dye Works, Inc.

1925 — SILVER ANNIVERSARY — 1950
YOUR DYERS for 25 years of successful service to the trade
LOEBL DYE WORKS, INC.
Roanoke, Virginia

Majestic Dye House, Inc.

MAJESTIC DYE HOUSE
Dyers to the trade only . . .
3918-28 West Armitage Ave.
CHICAGO 47, ILLINOIS

National Dye House
Omaha Dye Works
Rainbow Dye Works
Tash Dye Works, Al
Tru Color Dye Works
Volk, Lawrence B.

DYEING, LEATHER AND SUEDE

Commercial Dye Works
C. O. D. Cleaning & Dyeing Co.
Kirk's Leather Cleaners
La France Dye House
Renard's Suede & Leather Cleaners & Redyers

SUEDE SPECIALISTS
Cleaning — Redyeing
(write for wholesale prices)
RENARD'S
Suede & Leather Cleaners & Redyers
741 Madison Ave. New York 21, N. Y.

DYEING, RUG AND CARPET

Commercial Dye Works
Lincoln-Hudson Rug Dyers Inc.
Loebl Dye Works, Inc.
Rainbow Dye Works
Tru Color Dye Works

DYES

American Aniline Products, Inc.

AMAPRO UNION and CELANESE DYES
made especially for the garment dyer by
AMERICAN ANILINE PRODUCTS, Inc.
NEW YORK CHICAGO
Other principal cities

Davies-Young Soap Co.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
General Dyestuff Corp.
Keystone Aniline & Chemical Co.
Loebl Dye Works, Inc.
Merson Products Co.
National Aniline Div., Allied Chemical & Dye Corp.
Nyco Products Corp.
Patek & Co.
Stadham Co., Inc.

DYES, FUR

See: Fur Cleaning Supplies

DYES, LAUNDRY

See: Dyes

ECONOMIZERS, FUEL

American District Steam Co.
Dutton Co., C. H.
Stout & Sons, David

EDGE IRONERS

See: Ironers, Edge

EJECTORS, ACID-RESISTING

Ohio Injector Co.

EJECTORS, SEWAGE

Chicago Pump Co.
Horn Co., Inc., A. C.

ELECTRIC CAPACITORS

See: Capacitors, Electric

ELECTRIC GENERATORS

See: Generators, Electric

ELECTRIC HOISTS

See: Hoists

ELECTRIC IRONS

See: Irons, Electric

ELECTRIC METERS

See: Meters, Electric

ELECTRIC MOTORS

See: Motors, Electric

ELECTRIC SWITCHGEAR

See: Switchgear, Electric

ELECTRIC TIMERS

See: Timers, Electric

ELECTRIC TRANSFORMERS

See: Transformers, Electric

ELECTRIC TRUCKS

See: Trucks, Industrial

ELECTROLYTIC BLEACH-MAKING MACHINES

See: Bleach-Making Machines

ELIMINATOR, FLATWORK IRONER STRING MARKING

See: Ironers, Flatwork, String Marking Eliminator

ELIMINATORS, AIR

See: Air Eliminators

ELIMINATORS, ODOR

See: Odor Eliminators

EMBLEMS

Penn Novelty Co.

EMPLOYEES' BADGES

See: Badges, Employees'

EMULSIFIER, PINE OIL

See: Pine Oil Emulsifier

EMULSIONS, WAX

Alrose Chemical Co.
Apex Chemical Co., Inc.
Atlantic Stainpruf Co., Inc.
Continental Car-Na-Var Corp.
Huntington Laboratories, Inc.
Phoenix Oil Co.
Washine National Sands, Inc.

ENAMELS

Devere Co.
DuPont de Nemours & Co., Inc., E. I.
Horn Co., Inc., A. C.
Huntington Laboratories, Inc.
Quigley Co., Inc.
Sonneborn Sons, Inc., L.
Street & Co., Inc., B. B.
Tropical Paint & Oil Co.
U. S. Gutta Percha Paint Co.
Valdura Div., American Marietta Co.
Vita-Var Corp.
Wilbur & Williams Co.

ENGINEERS, MANAGEMENT

Brumber & Zinniel
Haggerty Co., Patrick E.
Lucas Associates, Claude E.
Stevenson, Jordan & Harrison, Inc.

ENGINE GOVERNORS

See: Governors, Engine

ENGINE VALVES

See: Valves, Engine

ENGINES, DIESEL

Cooper-Bessemer Corp.
Ingersoll-Rand Co.
Worthington Pump & Machinery Corp.

ENGINES, GAS

Cooper-Bessemer Corp.
Ingersoll-Rand Co.
Worthington Pump & Machinery Corp.

ENGINES, STEAM

Ames Iron Works
Erie City Iron Works
Troy Engine & Machine Co.

ENVELOPES, HANDKERCHIEF, SOCK, ETC.

Rosenthal Paper Co.
Spear Box Co., Inc.
Wescott Products Corp.
West Side Bag & Paper Co., Inc.
Whitman Supply Co.
Wormstead, Smith & Loomis, Inc.

ENVELOPES, SHIRT

Bond Street Bag & Paper Corp.
Laundry Packaging Corp.
Package Masters, Inc.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Envelopes, Shirt (*Continued*)

Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.
Time Savers, Inc.
Wescott Products Corp.
West Side Bag & Paper Co., Inc.
Whitman Supply Co., Inc.

ENZYMIC DESIZING AGENTS

See: Desizing Agents, Enzymic

ENZYMIC SPOTTING AGENTS

Allen & Vickers, Inc.
Aurora Mfg. Co.
Carman & Co., Inc.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.
Lewis National Corp.
Mead Co., George E.
Merson Products Co.
Patek & Co.
Riverside Mfg. Co.
Street & Co., Inc., R. R.
Takamine Laboratory, Inc.
Wallerstein Co., Inc.
Wolf & Co., Jacques

ERADICATORS, INK

See: Ink Eradicators

EVAPORATORS AND CONVECTORS

See: Convectors and Evaporators

EVAPORATORS, STEAM

Davis Engineering Corp.

EVAPORATORS, WATER DISTILLING

Davis Engineering Corp.

EXCHANGERS, HEAT

See: Heat Exchangers

EXHAUST FANS

See: Fans, Exhaust and Ventilating

EXHAUST STEAM PURIFIERS

See: Purifiers, Exhaust Steam

EXHAUSTERS

DeBothezat Fans Div., American Machine and Metals, Inc.
Kisco Boiler & Engineering Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Roots-Connersville Blower Corp.
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.
Wright-Austin Co.

EXPANDING IRONING FORMS

Leef Brothers, Inc.
Prosperity Co., Inc.

EXPANSION JOINTS

American District Steam Co.
Carey Mfg. Co., Philip
Chicago Metal Hose Corp.
Johns-Manville
Seamlex Co., Inc.
Walworth Co.
Yarnall-Waring Co.

EXTINGUISHERS, FIRE

American-La France-Foamite Corp.
Ansul Chemical Co.
Bostwick Laboratories
Bowser, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
C-O-Two
General Detroit Corp.
General Machine Supply Co.
General Pacific Corp.
Kidde & Co. Inc., Walter
Pyrene Mfg. Co.
Randolph Laboratories Inc.

EXTRACTOR BASKETS

Allcraft Mfg. Co.
American Laundry Machinery Co.
Carman & Co., Inc.
Ellis Drier Co.
Fletcher Works
Hamilton Copper & Brass Works
Hammond Laundry-Cleaning Machinery Co.
Mitchell Co., J. B.
Ohio Centrifugals Co.
Pellerin Milnor Corp.
Poland Laundry Machinery Co.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Machinery Co.

EXTRACTOR COVERS

American Associated Companies
Manitowoc Cotton Goods Mfg. Co.
Tingue, Brown & Co.

EXTRACTOR CYCLE CONTROL, AUTOMATIC

Atlas Steel Products, Inc.

EXTRACTORS, DRYCLEANING

All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Bock Laundry Machine Co.
Butler Mfg. Co.
California Laundry Equipment Co.
Chambers Extractor Co.
Chicago Dryer Co.
Columbia Laundry Machinery Co.
Cook Machinery Sales Co.
Cummings-Landau Laundry Machinery Co., Inc.
Fletcher Works
Gross Machinery Co., Inc.

ROLLER BEARING EXTRACTOR

Solid curb—High speed. Hand operated brake—Single lever to start and stop. No foot brake—Belt or motor drives. 20" and 30" baskets.

GROSS MACHINERY CO., INC.
179 Halbert St., Buffalo 14, N. Y.

Hammond Laundry-Cleaning Machinery Co.
Haring & Stephens Co.
Hercules Laundry Machinery Co., Inc.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Kelley Iron Works
Martin Equipment Corp.
Marvel Mfg. Co.
Mitchell Co., J. B.
Ohio Centrifugals Co.
Pantex Mfg. Corp.
Pellerin Milnor Corp.

"MILNOR" EXTRACTORS

See ad this issue on page 141
In stock for immediate delivery
(*Write for descriptive folder*)

Pellerin Milnor Corporation
8000 Edinburgh St., New Orleans 18, La.

Poland Laundry Machinery Co.
Prosperity Co., Inc.
Southeastern Foundries, Inc.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN

DRYCLEANING EXTRACTORS
"Verset"—"Amico"—"Vorclone"
305 FOURTH AVENUE, NEW YORK 3, N. Y.

Vic Cleaning Machine Co.
Western Laundry Machinery Co.

EXTRACTORS, HYDRAULIC

Cummings-Landau Laundry Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Strike's Laundry Machinery, Inc.
U. S. Hoffman Machinery Corp.
Zephyr Laundry Machinery Co.

EXTRACTORS, LAUNDRY

All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Bock Laundry Machine Co.
Butler Mfg Co.
California Laundry Equipment Co.
Chambers Extractor Co.
Chicago Dryer Co.
Cook Machinery Sales Co.
Cummings-Landau Laundry Machinery Co., Inc.
Ellis Drier Co.
Fletcher Works
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Haring & Stephens Co.
Hercules Laundry Machinery Co., Inc.
Hydraulic Press & Engineering Co.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Kelley Iron Works
Keystone Laundry Machinery Co.
Martin Equipment Corp.
Marvel Mfg. Co.
Mid-West Laundry Machinery Manufacturers
Mitchell Co., J. B.
Ohio Centrifugals Co.
Pantex Mfg. Corp.
Pellerin Milnor Corp.
Poland Laundry Machinery Co.
Prosperity Co., Inc.
Southeastern Foundries, Inc.
Standard Laundry & Cleaning Machinery Co.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
West Coast Laundry Machinery Co.
Western Laundry Machinery Co.
Zephyr Laundry Machinery Co.

EXTRACTORS, MECHANICAL UNLOADING

American Laundry Machinery Co.
Cummings-Landau Laundry Machinery Co., Inc.
Ellis Drier Co.
Fletcher Works
Haring & Stephens Co.
Prosperity Co., Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Zephyr Laundry Machinery Co.

EXTRACTORS, STARCH

All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
Billingsly Machinery Co.
Bock Laundry Machine Co.
California Laundry Equipment Co.
Cummings-Landau Laundry Machinery Co., Inc.
Ellis Drier Co.
Hammond Laundry-Cleaning Machinery Co.
Haring & Stephens Co.
Mitchell Co., J. B.
Pellerin Milnor Corp.
Standard Laundry & Cleaning Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Machinery Co.

FABRIC CONDITIONER

Excelsior Machinery Co.
Franklin Research Co.
Purkett Mfg. Co.

FABRICS, UNIFORM

See: Uniform Fabrics

FABRIC TESTERS

See: Testers, Cloth and Fabric

FANS, EXHAUST AND VENTILATING

Aerovent Fan Co.
American Brake Shoe Co., Kellogg Div.
American Coolair Corp.
Chelsea Fan & Blower Co., Inc.
Clarage Fan Co.
DeBothezat Fans Div., American Machine & Metals, Inc.
DeVilbiss Co.
Diehl Mfg. Co., Electrical Div., Singer Mfg. Co.
Ilg Electric Ventilating Co.
International Engineering Inc.
Kisco Boiler & Engineering Co.
Martin Fan & Blower Co.
Moore Co.
Murray Mfg. Co., D. J.
Schwitzer-Cummins Co.
Sturtevant Div. of Westinghouse Electric Corp.
Sun Fluorescent Electric Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

FANS, PROPELLER

Aerovent Fan Co.
American Coolair Corp.
Clarage Fan Co.
Chelsea Fan & Blower Co., Inc.
DeBothezat Fans Div., American Machine & Metals, Inc.
DeVilbiss Co.
Diehl Mfg. Co., Electrical Div. Singer Mfg. Co.
Ilg Electric Ventilating Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 264

International Engineering, Inc.
Kieco Boiler & Engineering Co.
Martin Fan & Blower Co.
Moore Co.
Samson United Corp.
Schwitzer-Cummins Co.

FASTENERS, BELT

Bristol Co.
Clipper Belt Lacer Co.
Commercial Tag Co.
Crescent Belt Fastener Co.
Flexible Steel Lacing Co.
Philadelphia Belting Co.
Williams & Sons, I. B.

FASTENERS, COLLAR AND CUFF

Commercial Tag Co.
Kimball Co., A.
Steele & Co., J. W.
Surelce Paper Clip Co.

FASTENERS, SLIDE

Talon, Inc.

FASTENERS, SLIDE, REPAIR EQUIPMENT AND TOOLS

Mars Tool Co.
Glen Zip Co.
Talon, Inc.

FEATHER RENOVATOR

Huebsch Mfg. Co.

FEATHER STERILIZING MACHINES

See: Sterilizing Machines, Pillow, Feather

FEEDERS, CHEMICAL

Belco Industrial Equipment Div.
Dutton Co., C. H.
Elgin Softener Corp.
Graver Tank & Mfg. Co., Inc.
Hungerford & Terry, Inc.
Liquid Conditioning Corp.
Marvel Mfg. Co.
National Aluminate Corp.
Permutit Co.
Refinite Corp.
Wallace & Tiernan Products, Inc.

FEED PUMPS, BOILER

See: Pumps, Feedwater

FEED RIBBON LACERS

See: Lacers, Feed Ribbon

FEED RIBBONS

See: Ribbons, Feed

FEED RIBBONS, NYLON

See: Ribbons, Feed

FEED SYSTEMS, BOILER

See: Boiler Feed Systems

FEEDWATER CONTROLS

See: Controls and Regulators (under specific headings)

FEEDWATER HEATERS

See: Heaters, Feedwater

FEEDWATER METERS

See: Meters, Feedwater

FEEDWATER PUMPS

See: Pumps, Feedwater

FEEDWATER REGULATORS

See: Controls and Regulators, Feedwater

FEEDWATER SYSTEMS

Belco Industrial Equipment Div.
Dutton Co., C. H.
Eclipse Fuel Engineering Co.
Elgin Softener Corp.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Kieco Boiler & Engineering Co.
Marshall Heater Co.
McDonnell & Miller, Inc.
Sterling, Inc.
Sterling Engineering & Mfg. Corp. (Templeton Mfg. Co.)
Stout & Sons, David
U. S. Hoffman Machinery Corp.

FEEDWATER TEST CONTROLS

See: Controls and Regulators, Feedwater

FEEDWATER TESTING SYSTEMS

See: Testing Systems, Feedwater

FELT PADDING

See: Pads and Padding, Press and Ironer

FELTS, FILTER

See: Filter Felts

FIBER BOXES

See: Boxes, Fiber and Paper

FIBER HAMPERS

See: Hampers

FIBER HAND TRUCKS

See: Trucks, Industrial

FILTER BAGS

Bowser, Inc.
Butler Mfg. Co.
Carson Textile Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Manitowoc Cotton Goods Mfg. Co.
Martin Equipment Corp.
Marvel Mfg. Co.
Olson Filtration Engineers, Inc.
Pantex Mfg. Corp.
Smith, Inc., X. S.
Stanley Co., Inc., William W.
Tripiex Industries, Inc.
Wagner Awning & Mfg Co.
Zellermayer & Co., Nathan

FILTER CLOTH

See: Cloth, Filter

FILTER FELTS

American Felt Co.
Stanley Co., Inc., William W.
Wagner Awning & Mfg. Co.

FILTER POWDER

Dicalite Div., Great Lakes Carbon Corp.
Filtrol Corp.
General Reduction Co.
Innis, Speiden & Co.
Johns-Manville
Midland Color & Chemical Co.

MAGNESOL
CLEANS THE SOLVENT
WHILE CLEANING THE CLOTHES
Midland Color & Chemical Co.
15 Greene St., Jersey City 2, N. J.

Murphy Sales Co.
Solomon & Bro., L. A.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

FILTERS, AIR

See: Air Filters

FILTER SCREENS

Bowser, Inc.
Butler Mfg. Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Martin Equipment Corp.
Mitchell Co., J. B.
Pantex Mfg. Corp.
Standard Laundry & Cleaning Machinery Co.
U. S. Hoffman Machinery Corp.

FILTERS, OIL

See: Oil Filters

FILTERS, OIL REMOVING

Bowser, Inc.
Cochrane Corp.
Davis Engineering Corp.
Drico Industrial Corp.
Elgin Softener Corp.
Graver Tank & Mfg. Co., Inc.
Kaye & MacDonald, Inc.
Liquid Conditioning Corp.
Permutit Co.

FILTERS, PRESSURE

B & G Machinery Co., Inc.
Belco Industrial Equipment Div.
Billingsly Machinery Co.
Bowser, Inc.
Cochrane Corp.
Davis Engineering Corp.
Elgin Softener Corp.
Graver Tank & Mfg. Co., Inc.
Gross Machinery Co., Inc.

PRESSURE FILTERS
VACUUM STILLS
Clean Solvent flows in a steady stream into your washers. Reclaim Solvent—make it better than new—at much less cost!
GROSS MACHINERY CO., Inc.
170 Halbert St. Buffalo 14, N. Y.

Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.

Hopkins
FILTERS
Patented horizontal bag type, requires only half the area ordinarily used. Filter cake will not come off when pump is started and stopped. Not affected by vibration. Ideal for use with synthetic machines. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

Infilco, Inc.
Kelmaker Mfg. Co.
Liquid Conditioning Corp.
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
Olson Filtration Engineers, Inc.
Oshkosh Filter & Softener Co.
Pantex Mfg. Corp.
Refinite Corp.
Standard Laundry & Cleaning Machinery Co.
Stover Water Softener Co.
Tiefler, Inc.
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.
Zephyr Laundry Machinery Co.

FILTERS, SOLVENT

B & G Machinery Co., Inc.
Billingsly Machinery Co.
Bowser, Inc.
Butler Mfg. Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hopkins Equipment Co.
Huebsch Mfg. Co.
Industrial Mfg. Co.
Kelite Products, Inc.
Kelley Iron Works
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
National Machinery Corp.
Olson Filtration Engineers, Inc.
Pantex Mfg. Corp.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Filters, Solvent *(Continued)*

Standard Laundry & Cleaning Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
FILTERS AND STILLS
And "Filtron" Electric Filter
305 FOURTH AVENUE, NEW YORK 3, N. Y.

Zephyr Laundry Machinery Co.

FILTERS, WATER

See: Water Filters

FINISHERS, BLANKET

American Laundry Machinery Co.
Hopkins Equipment Co.

FINISHERS, GARMENT, STEAM-AIR

See: Steam-Air Finishers, Garment

FINISHERS, SHIRT

See: Shirt Finishers

FINISHERS, SLEEVE

See: Sleeve Finishers

FINISHING AND FOLDING MACHINES, SHIRT

See: Shirt Finishing and Folding Machines

FIREBRICK

Green Fire Brick Co., A. P.
Johns-Manville
McLeod & Henry Co., Inc.
Mexico Refractories Co.
Plibrico Jointless Firebrick Co.
Quigley Co., Inc.
Ramtite Co.

FIRE EXTINGUISHERS

See: Extinguishers, Fire

FIRST-AID EQUIPMENT

Davis Emergency Equipment Co., Inc.
Mine Safety Appliances Co.
Remo Co.

FITTINGS, ACID-RESISTING, HARD RUBBER

Crane Co.
Ravbestos-Manhattan, Inc.
U. S. Rubber Co.

FITTINGS, PIPE

Chase Brass & Copper Co.
Crane Co.
Dresser Mfg. Div., Dresser Industries, Inc.
Malleable Iron Fittings Co.
Time Savers, Inc.
Walworth Co.

FITTINGS, PIPE, MONEL AND NICKEL

International Nickel Co., Inc.

FIXING AGENTS (DYES)

American Aniline Products, Inc.
Apex Chemical Co., Inc.
Dettelbach Co.
Keystone Aniline & Chemical Co., Inc.

FLAGS, MARKING

Carson Textile Co., Inc.
Commercial Tag Co.
National Marking Machine Co.
Risdon Mfg. Co.
Stadham Co., Inc.
Tingue, Brown & Co.

FLAMEPROOFING AGENTS

Allen & Vickers, Inc.
Alrose Chemical Co.
Apex Chemical Co., Inc.
Atlantic Stampproof Co.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Crossland Mfg. Co., Inc.
Dettelbach Co.
DuPont de Nemours & Co., Inc., E. I.
General Dyestuff Corp.
Huntington Laboratories, Inc.
Keystone Aniline & Chemical Co., Inc.
Lewis National Corp.
Merson Products Co.
National Textile Conservation Co., Div., Research Laboratories
Patek & Co.
Per-Mo Products Co.
Signal Chemical Mfg. Co.
Victor Chemical Works

FLANNEL, DOUBLE-FACE

American Associated Companies
Benwall Mfg. Co.
Burcott Mills
Burgess-Berliner Associates
Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co.
Egan Cotton Mills
Fleischer Mills, Inc.
Franklin Textile Mills
Nashua Mfg. Co.
Pittsburgh Waterproof Co.
Smith, Inc., X. S.
Southern Mills, Inc.
Stadham Co., Inc.
Stanley Co., Inc., John T.
Wagner Awning & Mfg. Co.
Whitehouse Products, Inc.

FLATWORK IRONER, BUNDLE SEPARATING DEVICE

Rosenthal Mfg. Co.
Stadham Co., Inc.

FLATWORK IRONER CANOPIES

American Laundry Machinery Co.
Chicago Dryer Co.
Ellis Drier Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Whitehouse Products, Inc.

FLATWORK IRONER FEEDER RACKS

Atlas Steel Products, Inc.

FLATWORK IRONER FOLDERS

American Laundry Machinery Co.
Pioneer Development Co.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

FLATWORK IRONER STACKERS

American Laundry Machinery Co.
Pioneer Development Co.

FLATWORK IRONER STRINGS

American Associated Companies
Callaway Mills, Inc.
Smith, Inc., X. S.
Southern Mills, Inc.
Tingue, Brown & Co.
Whitehouse Products, Inc.

FLATWORK IRONER STRIPPING DEVICE

American Associated Companies
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Zeidler Mfg. Co., Inc.

FLATWORK IRONERS

See: Ironers, Flatwork

FLATWORK SHAKERS

American Laundry Machinery Co.
Purkett Mfg. Co.
Rosenthal Mfg. Co.

FLATWORK SPREADERS

American Laundry Machinery Co.
Pocock, M. A.
Prosperity Co., Inc.

FLEXIBLE CONNECTORS

See: Connectors, Flexible

FLEXIBLE COUPLINGS

See: Couplings, Flexible

FLEXIBLE METAL HOSE

See: Hose, Flexible Metal

FLEXIBLE STEAM JOINTS

See: Joints, Flexible Steam

FLOAT SWITCHES

See: Switches, Float-Operated

FLOAT TRAPS

See: Traps, Float

FLOAT VALVES

See: Valves, Float

FLOATS, STEAM TRAP (REPLACEMENT)

Keckley Co., O. C.
Nicholson & Co., W. H.
Sterling, Inc.
Sterling Engineering & Mfg. Corp. (Templeton Mfg. Co.)
Webster & Co., Warren

FLOOR CLEANING, SCRUBBING AND POLISHING MACHINES

Breuer Electric Mfg. Co.
Certified Equipment Co.
Continental Car-Na-Var Corp.
Mild Floor Machine Co.
Holt Mfg. Co.
Huntington Laboratories, Inc.
Multi-Clean Products, Inc.
Superior Rug Machinery Co.

FLOOR COVERING

American Abrasive Metals Co.
Brabrook, A. N.
Carey Mfg. Co., Philip
Fremont Rubber Co.
Johns-Manville
Wagner Awning & Mfg. Co.

FLOOR MATS

See: Mats, Floor

FLOOR RESURFACING MATERIALS

American Abrasive Metals Co.
Continental Car-Na-Var Corp.
Horn Co., Inc., A. C.
Huntington Laboratories, Inc.
Johns-Manville
Midland Paint & Varnish Co.
Sonneborn Sons, Inc., L.
Steelcote Mfg. Co.
Virginia Greenstone Co., Inc.

FLOOR SCALES

See: Scales

FLOOR SEALING AND REPAIR MATERIAL

Carey Mfg. Co., Philip
Continental Car-Na-Var Corp.
Franklin Research Co.
Horn Co., Inc., A. C.
Huntington Laboratories, Inc.
Midland Paint & Varnish Co.
Multi-Clean Products, Inc.
Sonneborn Sons, Inc., L.
Steelcote Mfg. Co.
Turco Products, Inc.

FLOOR WAX

See: Wax, Floor

FLOW CONTROLS

See: Controls and Regulators (under specific headings)

FLOW METERS

See: Meters, Flow

FLOW-RATE INDICATORS

See: Indicators, Flow-Rate

FLOW RECORDERS

See: Recorders, Flow

FLOW REGULATORS

See: Controls and Regulators (under specific headings)

FLUES, STEEL SMOKE

Graver Tank & Mfg. Co., Inc.

FLUFFERS, HANDKERCHIEF

American Laundry Machinery Co.
Huebsch Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

FLUID METERS

See: Meters, Fluid

FLUORESCENT LAMPS

See: Lamps, Fluorescent

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

FLUORIDE, AMMONIUM ACID
See: Sours

FLUORIDE, SODIUM ACID
See: Sours

FLUORIDE, SODIUM SILICO
See: Sours

FLUTING MACHINES
Chandler Machine Co.
Maxant Button & Supply Co.

FOG FIRE FIGHTING UNITS
See: Extinguishers, Fire

FOG GENERATORS
See: Insecticide Spray Equipment

FOLDERS, FLATWORK IRONER
See: Flatwork Ironer Folders

FOLDING MACHINES
American Laundry Machinery Co.
Bishop Co., G. H.
Pioneer Development Co.
Sjöstrom Machine Co.
Steele & Co., J. W.
Time Savers, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

FOLDING TABLES
American Laundry Machinery Co.
Bishop Co., G. H.
Carll Sons, Chas. W.
Steele & Co., J. W.
Time Savers, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

FOLDING TRUCKS, CANVAS
See: Trucks, Industrial

FORMS, COLLAR
See: Collar Forms

FORMS, GLOVE
See: Glove Forms

FORMS, HOSIERY
See: Hosiery and Sock Forms

FORMS, NECKWEAR
Winner, Joe L.

FORMS, OVERALL
See: Overall Forms

FORMS, POCKET
See: Pocket Forms

FORMS, SLEEVE
See: Sleeve Forms

FORMS, TROUSER
See: Trouser Forms

FOUNTAIN PENS, MARKING
Mark-O Products Co.

FOUNTAINS, DRINKING
See: Drinking Fountains

FREQUENCY CHANGERS
Belco Industrial Equipment Div.
Kato Engineering Co.

FRICTION MATERIAL, BRAKES, CLUTCHES, ETC.
Johns-Manville
Raybestos-Manhattan, Inc.
Wood's Sons Co., T. B.

FUEL ECONOMIZERS
See: Economizers, Fuel

FUEL OIL HEATERS
See: Heaters, Fuel Oil

FUME RESISTING PAINT
See: Paint

FUMIGANTS
Adco, Inc.
Allen & Vickers, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Haertel Co., Walter
Huntington Laboratories, Inc.
Keystone Aniline & Chemical Co., Inc.
Nyeco Products Co.
Riverside Chemical Co., Inc.
Sirotta Co., Bernard

FUMIGATING VAULTS
See: Vaults, Fumigating

FUNNELS
Goodrich Co., B. F.
Lunkenheimer Co.

FUR CLEANING DRUMS
See: Fur Cleaning Equipment

FUR CLEANING EQUIPMENT
American Pressboard Co.
Bonis Bros. Fur Machinery Corp.
Carman & Co., Inc.
Haertel Co., Walter

FUR STORAGE AND CLEANING EQUIPMENT . . AND SUPPLIES
WALTER HAERTEL COMPANY
2840 Fourth Ave. So., Minneapolis 8, Minn.
This has been our specialized business for years.

Nyeco Products Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.

Headquarters for
Fur Storage and Cleaning Equipment
RELIABLE
FUR STORAGE EQUIPMENT COMPANY
230 Eagle Street, Brooklyn 22, N. Y.

Sirotta Co., Bernard

FUR CLEANING SOLVENT
Airline Mfg. Co.
Allen & Vickers, Inc.
American Mineral Spirits Co.
Atlantic Stainpruf Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Davis-Weil Mfg. Co.
Dixo Co.
DuPont de Nemours & Co., Inc., E. I.
Haertel Co., Walter
Huntington Laboratories, Inc.
Jay-Dee, Inc., Mfg. Chemists
Merson Products Co.
Nyeco Products Co.
Package Chemical Co., Inc.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Riverside Chemical Co., Inc.
Root & Co.
Sirotta Co., Bernard
Thoro Products Co.

FUR CLEANING SUPPLIES
Airline Mfg. Co.
Davies-Young Soap Co.
Haertel Co., Walter
Nyeco Products Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Root & Co.
Sirotta Co., Bernard

BIG PROFITS IN FUR CLEANING
by the FURRIERS' Method with SIRCO TROPICAL NUT SHELLS!

• NO EXTRA EQUIPMENT NEEDED
• USE YOUR TUMBLER INSTEAD OF A FUR DRUM
DIRECTIONS:
Simply damper 5 pounds of shells with 1 pint of our Cleaning Fluid and place in press cloth bag with fur coats . . . tumble 15 min. Then tumble coats 15 min. without bag . . . CLEANS BOTH FUR AND LINING IN ½ HOUR.
If you have a fur drum . . . drum ½ hour, without bag . . . cage ½ hour.
PLAY SAFE—FUMIGATE with SIRCOFUME LIQUID FUMIGATING GAS IN VAULTS and CHAMBERS
APPROVED • 100% NON-FLAMMABLE
BERNARD SIROTTA CO.
Est. 1893 Member N.I.C.D.
620 Smith St. Brooklyn 31, N. Y.

FUR CLEANING TABLE, VENTED
Carman & Co., Inc.
Haertel Co., Walter
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard

FUR CLEANING TUMBLERS
Carman & Co., Inc.
Haertel Co., Walter
Nyeco Products Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard

FUR FINISHING EQUIPMENT
Carman & Co., Inc.
Cissell Mfg. Co., Inc., W. M.
Furtex Rejuvenating
Haertel Co., Walter
Hopkins Equipment Co.
Nyeco Products Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard

FUR GARMENT BAGGERS
See: Baggers, Garment

FUR GLAZERS
Airline Mfg. Co.
American Pressboard Co.
Haertel Co., Walter
Nyeco Products Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard

FUR GLAZING FLUID
Airline Mfg. Co.
Apex Chemical Co., Inc.
Atlantic Stainpruf Co., Inc.
Haertel Co., Walter

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Fur Glazing Fluid (*Continued*)
Jay-Dee, Inc., Mfg. Chemists
Nyeco Products Co.
Package Chemical Co., Inc.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Root & Co.
Birotta Co., Bernard

FUR IDENTIFICATION SYSTEMS
See: Identification Systems, Fur

FURS AND FURRIERS' SUPPLIES
Airline Mfg. Co.
Asselin, Inc., Victor
Bauer & Sons, Inc., Samuel
Eckert Richmond Co.
Haertel Co., Walter
Kaplan Cleaners & Dyers Fur Service, David
Birotta Co., Bernard

FUR SKIN SOFTENERS
Bixbee Research Inc.
Jay-Dee, Inc., Mfg. Chemists

FURS, REPAIR, REMODELING SERVICE
Bauer & Sons, Inc., Samuel
Kaplan Cleaners & Dyers Fur Service, David
Trachtenberg & Son, Sol G.

FUR STORAGE EQUIPMENT AND SUPPLIES
See: Storage Vault Equipment or Storage Supplies

FUR VAULT COOLING UNITS
See: Refrigeration, Mechanical

FURNACE ARCHES
See: Arches, Furnace, Flat Suspended

FURNACE CEMENT
See: Cement, Furnace, Asbestos

FURNACE INSPECTION DOORS
See: Doors, Furnace Inspection

FURNACE WALLS
Green Fire Brick Co., A. P.
Johns-Manville
McLeod & Henry Co., Inc.
Mexico Refractories Co.
Plibrico Jointless Firebrick Co.
Ramtite Co.

FUSE CLAMPS
See: Clamps, Fuse

FUSE PULLERS
General Electric Co.
Ideal Industries, Inc.
Industrial Products Co.
Trico Fuse Mfg. Co.

FUSES, ELECTRIC
General Electric Co.
Trico Fuse Mfg. Co.

GARMENT BAGGERS
See: Baggers, Garment

GARMENT CARRIERS
See: Carts, Garment

GARMENT DRIERS
See: Driers, Garment, Hot Air

GARMENT DYEING
See: Dyeing, Garment

GARMENT DYES
See: Dyes

GARMENT FINISHERS, STEAM-AIR
See: Steam-Air Finishers, Garment

GARMENT HANGERS
See: Hangers, Garment

GARMENT PRESSES
See: Presses (under specific headings)

GARMENT RACKS
See: Racks, Garment

GARMENT SHAPER-DRIER
See: Shaper-Drier, Garment

GARMENT STEAMERS
See: Steam-Air Finishers, Garment

GAS BURNERS
See: Burners, Gas

GAS-ELECTRIC TRUCKS
See: Trucks, Industrial

GAS ENGINES
See: Engines, Gas

GAS IRONS
See: Irons, Gas

GASKET CEMENT
See: Cement, Gasket

GASKET COMPOUND
Armite Laboratories
Garlock Packing Co.
Goodrich Co., B. F.
Radiator Specialty Co.
Resistoflex Corp.
Steelcote Mfg. Co.
U. S. Stoneware Co.

GASKETS
Belmont Packing & Rubber Co.
Garlock Packing Co.
Goodrich Co., B. F.
Johns-Manville
Raybestos-Manhattan, Inc.
Resistoflex Corp.
U. S. Stoneware Co.
U. S. Rubber Co.
Walsh Packing Co.
Warren Belting Co., Inc.

GAS METERS
See: Meters, Gas

GAS-OIL BURNERS
See: Burners, Gas-Oil

GASOLINE MOTOR TRUCKS
See: Trucks, Motor

GAS POWER UNITS
See: Power Units, Gas

GATE VALVES
See: Valves, Gate

GAUGE GLASSES
Hopkins Equipment Co.
Marsh Corp Jas. P.
Sterling, Inc.

GAUGE GLASS PROTECTORS
Defender Instrument & Regulator Co.
Wright-Austin Co.

GAUGE LIGHTS
Wright-Austin Co.

GAUGE TESTERS
See: Testers, Gauge

GAUGES, AIR
Ashton Valve Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Crosby Steam Gage & Valve Co.
Electric Auto-Lite Co.
United States Gauge Div., American Machine and Metals, Inc.

GAUGES, DRAFT
See: Draft Gauges

GAUGES, LIQUID LEVEL
Ashton Valve Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co
Hays Corp.
Liquidometer Corp
Lunkenheimer Co.
Oil-Rite Corp.
Stewart-Warner Corp., Alemite Corp.
United States Gauge Div., American Machine and Metals, Inc.
Wallace & Tiernan Products, Inc.
Yarnall-Waring Co.

GAUGES, PRESSURE
Ashton Valve Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Crosby Steam Gage & Valve Co.
Defender Instrument & Regulator Co.
Dwyer Mfg. Co., F. W.
Electric Auto-Lite Co.
Foxboro Co.
General Electric Co.
Hays Corp.
Marsh Corp., Jas. P.
Mettler Co., Lee B.
Perfex Corp.
Sterling, Inc.
Stewart-Warner Corp., Alemite Corp.
United States Gauge Div., American Machine and Metals Inc.
Wallace & Tiernan Products, Inc.

GAUGES, RECORDING
Ashton Valve Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Electric Auto-Lite Co.
Foxboro Co.
Hays Corp.
Mason-Neilan Regulator Co.
Moeller Instrument Co., Inc.
Tagliabue Div., C. J., Portable Products Corp.
United States Gauge Div., American Machine and Metals, Inc.

GAUGES, STEAM
Ashton Valve Co.
Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Crosby Steam Gage & Valve Co.
Electric Auto-Lite Co.
Foxboro Co.
Marsh Corp., Jas. P.
Perfex Corp.
Sterling, Inc.
United States Gauge Div., American Machine and Metals, Inc.
Webster & Co., Warren

GAUGES, TEMPERATURE
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Electric Auto-Lite Co.
Foxboro Co.
Marsh Corp., Jas. P.
Moeller Instrument Co., Inc.
Perfex Corp.
Powers Regulator Co.
Pyrometer Instrument Co., Inc.
Sterling, Inc.
Stewart-Warner Corp., Alemite Corp.
Tagliabue Div., C. J., Portable Products Corp.
United States Gauge Div., American Machine and Metals, Inc.
Weston Electrical Instrument Corp.

GAUGES, WATER
Bailey Meter Co.
Crane Co.
Crosby Steam Gage & Valve Co.
Electric Auto-Lite Co.
Foxboro Co.
Lunkenheimer Co.
Stewart-Warner Corp., Alemite Corp.
United States Gauge Div., American Machine and Metals, Inc.
Wright-Austin Co.
Yarnall-Waring Co.

GEARS, STOCK
Boston Gear Works, Inc.
Greaves Machine Tool Co.
Link-Belt Co.
Ramsey Chain Co., Inc.

GENERAL FORMULA
See: Spot Removers

GENERATORS, BLEACH
See: Bleach Making Machines

GENERATORS, ELECTRIC
Caterpillar Tractor Co
Century Electric Co.
Crocker-Wheeler Electric Mfg. Co., Div. of Joshua Hendy Iron Works
Diehl Mfg. Co., Electrical Div. of the Singer Mfg. Co.
Elliott Co.
General Electric Co.
Kato Engineering Co.
Reliance Electric and Engineering Co.
Troy Engine & Machine Co
Worthington Pump & Machinery Corp.

GENERATORS, FOG
See: Insecticide Spray Equipment

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

GENERATORS, STEAM
See: Boilers and Steam Generators

GERMICIDES
See: Antiseptics, Bleaches, Sours

GLASS CLOTH, WOVEN
See: Cloth, Glass, Woven

GLASSINE SHIRT ENVELOPES
See: Envelopes, Shirt

GLAZERS, FUR
See: Fur Glazers

GLAZING FLUID, FUR
See: Fur Glazing Fluid

GLOBE VALVES
See: Valves, Globe

GLOVE CASES
See: Cases, Glove

GLOVE CLEANING MACHINES
Sabin Machine Co.

GLOVE FORMS
Shedlov-Heinz Mfg. Co.

GLOVE SOAPS
See: Soaps, Glove

GLUES AND GUMS
American Writing Ink Co., Inc.
Armour & Co.
Mutual Paper Box Co., Inc.
National Starch Products, Inc.

GO-BACK CONVEYORS
See: Conveyors, Go-Back

GOVERNORS, AUTOMOBILE
Hoof Products Co.

GOVERNORS, ENGINE
Hoof Products Co.

GOVERNORS, OIL-BURNER
Engineer Co.
National Airoil Burner Co.

GOVERNORS, POWER PRESSING MACHINES
Pantex Mfg. Co.

GOVERNORS, PUMP
David Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Defender Instrument & Regulator Co.
Keckley Co., O. C.
Leslie Co.
McDonnell & Miller, Inc.
Mason-Neilan Regulator Co.
Northern Equipment Co.
Ruggles Klingemann Mfg. Co.
Wright-Austin Co.

GOVERNORS, TURBINE
General Electric Co.
Leslie Co.

GRATES, SHAKING AND STATIONARY
Brownell Co.
Chicago Automatic Stoker Co.
Laclede Stoker Co.

GRAVITY ROLLER CONVEYORS
See: Conveyors (under specific headings)

GREASES, LUBRICATING
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Cook's Sons, Inc., Adam
Grauer Research & Mfg. Co.
Gulf Oil Corp., Gulf Refining Co.
Houghton & Co., E. F.
Keystone Lubricating Co.
Lubriplate Div., Fiske Bros. Refining Co.
Phoenix Oil Co.
Stewart-Warner Corp., Alemite Corp.
Texas Co.
Union Oil Co. of California

GUARDS, BELT
Kirk & Blum Mfg. Co.
Para-Lux Products Co.

GUARDS, HAT
See: Hat Guards

GUARDS, LAMP
Industrial Products Co.

GUARDS, MACHINE (BELT, FLYWHEEL, GEAR, ETC.)
Carll Sons, Chas. W.
Kirk & Blum Mfg. Co.
Wright-Austin Co.

GUARDS, SAFETY
See: Safety Guards

GUARDS, TROUSER
See: Trouser Guards

GUIDE RACKS
Para-Lux Products Co.

GUMMED TAPE
See: Tape, Gummed

GUMS
See: Glues and Gums

GUNS, SPRAY
See: Spray Guns

HAMPERS
See: Baskets, Canvas

HAND CREAM, PROTECTIVE
Davis Emergency Equipment Co., Inc.
DuPont de Nemours & Co., Inc., E. I.
Magnus Chemical Co., Inc.
Mine Safety Appliances Co.
National Cleaners Chemical Mfg. Co.
Street & Co., Inc., R. R.
Tarbonis Co.

HAND HOISTS
See: Hoists

HANDKERCHIEF CONVEYORS
See: Conveyors, Handkerchief

HANDKERCHIEF FLUFFERS
See: Fluffers, Handkerchief

HANDKERCHIEF IRONERS
See: Ironers, Handkerchief

HANDKERCHIEF REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

HAND TRUCKS
See: Trucks, Industrial

HANGER BLOCKS
See: Blocks, Hanger and Pillow

HANGER CAPES
See: Capes, Wire Hanger

HANGER CLIPS
Academy Hanger Co., Inc.
Commercial Tag Co.

Larton Products Co., Inc.
Rudon Mfg. Co.
Time Savers, Inc.

HANGER COMBINERS
Commercial Tag Co.
Larton Products Co., Inc.

HANGER MANUFACTURING MACHINE
Economy Machine & Equipment Co.

HANGER RACKS
See: Racks, Hanger

HANGER SHIELDS AND GUARDS
Academy Paper Box Co.
Carman & Co., Inc.
Cleaners Hanger Co.
Clopay Corp.
Fastik Co.

Greif Bros. Cooperage Corp., Wire Garment Hanger Div.
Hodge, Farwell & Co.
Kwik Kover Sales Co.
Laundry Packaging Corp.
Larton Products Co., Inc.
Loroco Industries, Inc.
Marion Mfg. Co.
Memphis Hanger Co.
Mutual Paper Box Co., Inc.
Nagel Coat Hanger Co.
Pacific Coat Hanger Mfg. Co.
Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Pittsburgh Hanger Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.
Sure-Hold Div., Nashua Gummed & Coated Paper Co.
West Side Bag & Paper Co., Inc.

HANGERS, CURTAIN AND DRAPERY
Academy Hanger Co., Inc.
Carman & Co., Inc.
Cleaners Hanger Co.
Memphis Hanger Co.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Hangers, Curtain and Drapery *(Continued)*

Pacific Coat Hanger Mfg. Co.
Para-Lux Products Co.
Phoenix Products Co.
Pittsburgh Hanger Co.
Steinman Paper Co.

HANGERS, DRIER

Bussard & Son, R. D.

HANGERS, GARMENT

Academy Hanger Co., Inc.
American Coat Hanger Mfg. Co.
B. & C. Engineering Co.
Carman & Co., Inc.
Cleaners Hanger Co.
Cleveland Garment Hanger Co.
Davis Mfg. Co., R. H.
Garment Hanger Co.
Greif Bros. Cooperage Corp., **Wire Garment Hanger Div.**
Gronauer Co., M. H.
Henry Hanger Co.
International Wire Hanger Mfg. Co.
Kats Bag Co.
Laidlaw Wire Co., W. A.
Loroco Industries, Inc.
M. & B. Metal Products Co.
Memphis Hanger Co.
Nagel Coat Hanger Co.
Pacific Coat Hanger Mfg. Co.
Para-Lux Products Co.
Perelmutter & Co., M.
Phoenix Products Co.
Pittsburgh Hanger Co.
Pryor, Inc., William
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Rsy-Var Products
Ruland & Oas Mfg. Co.
Sirotta Co., Bernard
Spear Box Co., Inc.
Star Service Hanger Div., L. A. Young Spring & Wire Corp.
Steinman Paper Co.
United Garment Hanger Co.
Waldorf Co.
Wire Specialties & Mfg. Co.

HANGERS, NECKTIE

Academy Paper Box Co.
Cleaners Hanger Co.
Memphis Hanger Co.
Gronauer Co., M. H.
Hodge, Farwell & Co.
Loroco Industries, Inc.
Pacific Coat Hanger Mfg. Co.
Para-Lux Products Co.
Paulin Products Co.
Phoenix Products Co.
Pittsburgh Hanger Co.
Steinman Paper Co.

HANGERS, PIPE AND SHAFT

Reintjes, George P.
Wood's Sons Co., T. B.

HANGERS, REVOLVING SHIRT

American Laundry Machinery Co.

HANGERS, RUG AND CARPET

See: Rug and Carpet Cleaning Equipment

HANGING SCALES

See: Scales

HARDENER, CONCRETE

DuPont de Nemours & Co., Inc., E. I.
Huntington Laboratories, Inc.
Sonneborn Sons, Inc., L.

HAT BLOCKING MACHINES

See: Blocking Machines, Hat

HAT GUARDS

Automatic Paper Box Corp.
Hatters Supply House, Inc.
Phoenix Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
West Side Bag & Paper Co., Inc.

HATTERS' EQUIPMENT

Doran Brothers, Inc.
Excelsior Machinery Co.
Hatters Supply House, Inc.

THE HATTERS SUPPLY HOUSE
404-406 S. Wells St., Chicago 7, Ill.
The Largest Complete Hatters Supply house in the United States.
Founded 1909
Mfgrs. of that famous Gold Medal Line of Hatters Chemicals and Equipment. Have you received our new Catalog yet? If not, write now.
IF IT'S FOR HATS—WE HAVE IT

J & L Mfg. Co.
Maxant Button & Supply Co.
Pantex Mfg. Corp.
U. S. Hoffman Machinery Corp.

HATTERS' SUPPLIES

Allen & Vickers, Inc.
Automatic Paper Box Corp.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.
Hatters Supply House, Inc.
Maxant Button & Supply Co.
Pantex Mfg. Corp.

HEAD PLATES (PRESSING MACHINES)

See: Press Plates

HEAT EXCHANGERS

American District Steam Co.
Brownell Co.
Davis Engineering Corp.
Dutton Co., C. H.
Graver Tank & Mfg. Co.
Patterson-Kelley Co., Inc.
Schaub Engineering Co., Inc., F. H.
Stout & Sons, David
Trane Co.
Whitlock Mfg. Co.
Worthington Pump & Machinery Corp.
Young Radiator Co.

HEAT RECLAIMERS

American District Steam Co.
Bready Engineering Corp.
Davis Engineering Corp
Patterson-Kelley Co., Inc.

KELLY Heat Reclaimers
Years of Service to laundries.
The Patterson-Kelley Co., Inc., East Stroudsburg, Pa.

Stout & Sons, David
Whitlock Mfg. Co.

HEAT-REGULATING PAPER

See: Paper, Heat-Regulating

HEAT-SEALING MENDING TAPE

See: Tape, Mending, Heat-Sealing

HEATERS, AIR

Carrier Corp.
Clarage Fan Co.
Cutler-Hammer, Inc.
Davis Engineering Corp.
Dravo Corp.
Patterson-Kelley Co., Inc.
Peabody Engineering Corp.
Sellers Engineering Co.
Whitlock Mfg. Co.
Young Radiator Co.

HEATERS, BLAST

Carrier Corp.
Clarage Fan Co.
Modine Mfg. Co.
Murray Mfg. Co., D. J.
Peabody Engineering Corp.
Sellers Engineering Co.
Trane Co.
Young Radiator Co.

HEATERS, FEED WATER

Brownell Co.
Cochrane Corp.
Davis Engineering Corp.
Dutton Co., C. H.
Elliott Co.
Graver Tank & Mfg. Co.
Marshall Heater Co.
Patterson-Kelley Co., Inc.
Permutit Co.
Peabody Engineering Corp.
Schaub Engineering Co., Inc., Fred H.
Taco Heaters, Inc.
Whitlock Mfg. Co.
Worthington Pump & Machinery Corp.

HEATERS, FUEL OIL

American District Steam Co.
Anthony Co.
Davis Engineering Corp.
Engineer Co.
General Electric Co., Air Conditioning Dept.
National Airoil Burner Co., Inc.
Patterson-Kelley Co., Inc.
Peabody Engineering Corp.
Petroleum Heat & Power Co.
Taco Heaters, Inc.
Whitlock Mfg. Co.

HEATERS, INSTANTANEOUS

American District Steam Co.
Davis Engineering Corp.
Johnson Corp.
Marshall Heater Co.
Mona Sales Co.
Patterson-Kelley Co., Inc.
Pick Mfg. Co.
Taco Heaters, Inc.
Whitlock Mfg. Co.

HEATERS, SOLVENT

Bowser, Inc.

HEATERS, UNIT

Carrier Corp.
Clarage Fan Co.
Dravo Corp.
General Electric Co.
Ilg Electric Ventilating Co.
Kisco Boiler & Engineering Co.
Modine Mfg. Co.
Murray Mfg. Co., D. J.
Radiant Drying Co.
Trane Co.
Webster & Co., Warren
Young Radiator Co.

HEATERS, WATER

Alert Engineering Products
American District Steam Co.
Brownell Co.
Crane Co.
Cutler-Hammer, Inc.
Davis Engineering Corp.
Dutton Co., C. H.
Graver Tank & Mfg. Co.
Hammel-Dahl Co.
Huebsch Mfg. Co.
Johnson Corp.
Kelvinator Div., Nash-Kelvinator Corp.
Kewanee Boiler Corp.
Lookout Boiler & Mfg. Co.
Marshall Heater Co.
Mona Sales Co.
Patterson-Kelley Co., Inc.
Peabody Engineering Corp.
Petroleum Heat & Power Co.
Pick Mfg. Co.
Rsv Oil Burner Co.
Sellers Engineering Co.
Sterling, Inc.
Stout & Sons, David
Taco Heaters, Inc.
Whitlock Mfg. Co.

HEATERS, WATER STORAGE

Alert Engineering Products
American District Steam Co.
Brownell Co.
Davis Engineering Corp.
Dutton Co., C. H.
Kewanee Boiler Corp.
Marshall Heater Co.
Patterson-Kelley Co., Inc.

KELLY Hot Water Storage Heaters
Years of service to laundries.
The Patterson-Kelley Co., Inc. East Stroudsburg, Pa.

Peabody Engineering Corp.
Sellers Engineering Co.
Stout & Sons, David
Taco Heaters, Inc.
Whitlock Mfg. Co.

HEATING AND COOLING COILS

See: Coils, Heating and Cooling

HIGH WATER ALARMS

See: Alarms, High and Low Water

HOISTS

American Engineering Co.
American Monorail Co.
Conco Engineering Works, Div. H. D. Conkey & Co.
Electro Lift, Inc.
Lewis-Shepard Products, Inc.
Louden Machinery Co.
Superior Rug Machinery Co.
Wayne Pump Co.

HOLDERS, BAG AND NET

Steinman Paper Co.
Time Savers, Inc.
Wagner Awning & Mfg. Co.

HOOKS, ASSEMBLY

See: Assembly Hooks

For manufacturers' addresses see MANUFACTURERS' list beginning page 264

HOSE, FLEXIBLE METAL

American Brass Co., American Metal Hose Branch
Chicago Metal Hose Corp.
Eclipse Pioneer Div., Bendix Aviation Corp.
Johnson Metal Hose, Inc.

FLEXIBLE SEAMLESS
BRONZE STEAM HOSE
FOR
ALL TYPES OF PRESSES
JOHNSON METAL HOSE, Inc.
226 MILL STREET WATERBURY, CONN.

Newhouse Co.
Packless Metal Products Corp.
Seamlex Co., Inc.

HOSE REELS

See: Reels, Hose

HOSE, RUBBER

Ace Hose & Rubber Co.
DeVilbiss Co.
Gates Rubber Co.
Goodrich Co., B. F.
Johnson Metal Hose, Inc.
Newhouse Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.

HOSIERY AND SOCK FORMS

Huebsch Mfg. Co.

HOSIERY DRIERS

See: Driers, Hosiery and Sock

HOSIERY IRONERS

See: Ironers, Hosiery

HOT WATER SYSTEMS

Davis Engineering Corp.
Dutton Co., C. H.
Huebsch Mfg. Co.
Morhest Sales Co.
Patterson-Kelley Co., Inc.
Sterling, Inc.
Stout & Sons, David
Taco Heaters, Inc.

HUMIDIFIERS

Armstrong Machine Works
Bahnson Co.
Murray Mfg. Co., D. J.
Spray Engineering Co
Steel Products Engineering Co.

HYDRAULIC HOISTS

See: Hoists

HYDROGEN PEROXIDE

See: Bleach

HYPOCHLORINATORS

Pennsylvania Salt Mfg. Co.
Wallace & Tiernan Products, Inc.

IDENTIFICATION SYSTEMS

Carman & Co., Inc.
Keyes-Davis Co.
Key-Tag Checking System Co.
National Marking Machine Co.
National Tag & Label Corp.
Nicholson Laboratories, Wm. J.
Penn Novelty Co.
Pre-Marked Strip Tag Co.
Simmons Machine Co.
Speare Co.
Stafford Co., N.
Textag Co., Inc.
TickeTag Co.

SEE OUR AD
Page 179
"TT" TickeTag

IDENTIFICATION SYSTEMS, FUR

Haertel Co., Walter
National Marking Machine Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sirotta Co., Bernard
Stafford Co., N.

IDENTIFICATION TAGS

See: Tags, Marking

INCINERATORS

McLeod & Henry Co., Inc.
Plibrico Jointless Firebrick Co.
Ramtite Co.

INDELIBLE MARKING INK

See: Ink, Indelible Marking

INDICATING THERMOMETERS

See: Thermometers, Indicating

INDICATORS, CO_2

Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cambridge Instrument Co., Inc.
Davis Emergency Equipment Co., Inc.
Defender Instrument & Regulator Co.
Dwyer Mfg. Co., F. W.
Hays Corp.
Permutit Co.
Republic Flow Meters Co.

INDICATORS, pH

Bailey Meter Co.
Beico Industrial Equipment Div.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cambridge Instrument Co., Inc.
Diamond Alkali Co.
Heliige, Inc.
MacBeth Corp.
National Technical Laboratory
Speare Co.
Taylor & Co., W. A.

INDICATORS, FLOW-RATE

Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Hagan Corp.
Hays Corp.
Republic Flow Meters Co.
Weston Electrical Instrument Corp.

INDICATORS, SIGHT FLOW

Bowser, Inc.

INDICATORS, SPEED

Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Hays Corp.
Sticht Co., Inc., Herman
Veeder-Root, Inc.
Weston Electrical Instrument Corp.

INDICATORS, TIME

Bildwel Manufacturers
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Rosenthal Mfg. Co.
Weston Electrical Instrument Corp.

INDICATORS, VALVE

Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Tejax Engineering Corp.

INDICATORS, WATER LEVEL

Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
General Electric Co.
Hays Corp.
Johnson & Jennings Co.
Yarnall-Waring Co.

INK ERADICATORS

Aurora Mfg. Co.
Boston Clip & Tag Co.
Caled Products Co., Inc.
Carman & Co., Inc.
Davies-Young Soap Co.
Eaton Chemical & Dyestuff Co.
Geller & Son, I.
Greenville Chemical Co.
Heller & Co., B.
Ink-O Products Co.
Kem Laboratories
Keystone Aniline & Chemical Co.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Mark-O Products Co.
Murphy Sales Co.
National Cleaners Chemical Mfg. Co.
National Marking Machine Co.
Nu-Pro Mfg. Co.
Rayochem Products Co.
Riverside Mfg. Co.
Street & Co., Inc., R. R.
Superior Products Co.
Wilson Chemical Co., A. L.

INK, INDELIBLE MARKING

American Numbering Machine Co.
American Writing Ink Co., Inc.
Applegate Chemical Co.
Aurora Mfg. Co.
Boston Clip & Tag Co.

HAVING INK TROUBLE? TRY THE ACES!
ACE OF HEARTS—Old favorite, clean marking
OF SPADES—Unequalled in indelibility
REDUX—Indelible ink remover
Sold only thru Jobbers
BOSTON CLIP & TAG CO.
178 Atlantic Ave. Boston 10, Mass.

Carman & Co., Inc.
Carter's Ink Co.
Eaton Chemical & Dyestuff Co.
Fleischer Mills, Inc.
Fry Bros. Co.
Heller & Co., B.
Ink-O Products Co.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Mark-O Products Co.
Mark-Tex Corp.
Marvel Marking Machine Co.
National Marking Machine Co.
Nicholson Laboratories, Wm. J.
OlsenMark Corp.
Pittsburgh Tag Co.
Stadham Co., Inc.
Stafford Co., N.
Steigler Co., George
Superior Products Co.

INK, INVISIBLE MARKING

American Writing Ink Co., Inc.
National Marking Machine Co.
Pittsburgh Tag Co.
Stafford Co., N.
Superior Products Co.

INSECTICIDES

Adco, Inc.
DuPont de Nemours & Co., Inc., E. I.
Fumol Corp.
Heller & Co., B.
Innis, Speiden & Co.
Mallinckrodt Chemical Works
Nyco Products Co.
Patterson Laboratories, Inc.
Pennsylvania Salt Mfg. Co.
Pest Control Equipment Co.
Riverside Chemical Co., Inc.
Signal Chemical Mfg. Co.
Sirotta Co., Bernard
Sonneborn Sons, Inc., L.
Texas Soap Mfg. Corp.
Thompson-Hayward Chemical Co.
Turco Products, Inc.
Virginia Smelting Co.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

INSECTICIDE SPRAY EQUIPMENT

Haertel Co., Walter
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Silver Creek Precision Corp.

INSPECTION DOORS, FURNACE

See: Doors, Furnace Inspection

INSTANTANEOUS HEATERS

See: Heaters, Instantaneous

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

INSULATED WIRE AND CABLE
See: Wire and Cable, Insulated

INSULATION BOARD AND BLANKET
Johns-Manville
Wood Conversion Co.

INSULATION, ELECTRICAL
Goodrich Co., Inc., B. F.
Johns-Manville
Owens-Corning Fiberglas Corp.

INSULATION, PIPE AND BOILER
American Hair & Felt Co.
Barrett Div., Allied Chemical & Dye Corp.
Carey Mfg. Co., Philip
Johns-Manville
Mexico Refractories Co.
Owens-Corning Fiberglas Corp.
Plibrico Jointless Firebrick Co.
Quigley Co., Inc.
Ruberoid Co.

INSURANCE
Automobile Insurance Co.
Standard Fire Insurance Co.
Travelers Insurance Companies
Woodhead Insurance Agency

INVISIBLE INK IDENTIFICATION SYSTEMS
See: Identification Systems

INVISIBLE MARKING INK
See: Ink, Invisible Marking

IODINE STAIN REMOVERS
See: Stain Removers

IRONER CANOPIES
See: Flatwork Ironer Canopies

IRONER CLOTH
See: Cloth, Cover

IRONER CORD
Callaway Mills, Inc.
Smith, Inc., X. S.
Southern Mills, Inc.
Whitehouse Products, Inc.

IRONER OIL
Aurora Mfg. Co.
Carman & Co., Inc.
Crescent Chemical Div., Hood Chemical Co., Inc.
Eaton Chemical & Dyestuff Co.
Fry Bros. Co.
Heller & Co., B.
Johnson Chemical Industries, Inc.
Lewis National Corp.
Lynch, Inc., John P.
Stadham Co., Inc.
Superior Products Co.
Thompson-Hayward Chemical Co.
Washine National Sands, Inc.

IRONER PADDING
See: Pads and Padding, Press and Ironer

IRONER PROTECTORS
See: Protectors, Ironer

IRONER TAPE
See: Tape, Ironer

IRONER, FLATWORK AND COOLING DEVICE
See: Cooling Device, Flatwork Ironer

IRONERS, APRONLESS
Prosperity Co., Inc.

IRONERS, COLLAR
American Laundry Machinery Co.
Bishop Co., G. H.
Huebsch Mfg. Co.
Key-Tag Checking System Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

IRONERS, EDGE
American Laundry Machinery Co.

IRONERS, FLATWORK
American Ironing Machine Co.
American Laundry Machinery Co.
Chicago Dryer Co.
Ellis Drier Co.
Gasway Corp.
Hammond Laundry-Cleaning Machinery Co.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.
Zephyr Laundry Machinery Co.

IRONERS, FLATWORK, CHEST TYPE
American Laundry Machinery Co.
Ellis Drier Co.
Poland Laundry Machinery Co.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Machinery Co.

IRONERS, FLATWORK, CYLINDER TYPE
American Laundry Machinery Co.
Chicago Dryer Co.
Ellis Drier Co.
Prosperity Co., Inc.
Super Laundry Machinery Co.
U. S. Hoffman Machinery Corp.
Zephyr Laundry Machinery Co.

IRONERS, FLATWORK, STRING MARKING ELIMINATOR
Rosenthal Mfg. Co.

IRONERS, HANDKERCHIEF
American Laundry Machinery Co.
Huebsch Mfg. Co.
Poland Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Western Laundry Press Co.

IRONERS, HAT
See: Hatters' Equipment

IRONERS, HOSIERY
Chandler Machine Co.
Huebsch Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

IRONERS, RUFFLE
Chandler Machine Co.
Maxant Button & Supply Co.

IRONERS, SLEEVE
American Laundry Machinery Co.
Huebsch Mfg. Co.
New York Pressing Machinery Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Western Laundry Press Co.

IRONING BOARDS AND TABLES
American Laundry Machinery Co.
Bishop Co., G. H.
Chicago Dryer Co.
Chrisman Co., Inc., E. L.
Cissell Mfg. Co., Inc., W. M.
Cooper Co., H. P.
Cummings-Landau Laundry Machinery Co., Inc.
Dryco Corp.
Kisco Boiler & Engineering Co.
New York Pressing Machinery Corp.
Steele & Co., J. W.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Wisconsin Equipment Supply Co.

IRONING BOARDS, SLEEVE
See: Sleeve Boards

IRONING FORMS, EXPANDING
See: Expanding Ironing Forms

IRONING ROOM CONVEYORS
See: Conveyors, Ironing Room

IRON-REMOVAL EQUIPMENT, WATER TREATMENT
See: Water Treatment Equipment

IRONS, ELECTRIC
American Electric Heater Co.
Bishop Co., G. H.
Cissell Mfg. Co., Inc., W. M.
Cooper Co., H. P.
Crown Mfg. Co.
Dejur Electric Works
Dryco Corp.
General Electric Co.
Hawkeye Revolving Ironer Co.
Jasper Co., T. G.
New York Pressing Machinery Corp.
Samoa United Corp.
Steele & Co., J. W.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

IRONS, PUFF
See: Puff Irons

IRONS, ROTARY, FUR
Haertel Co., Walter

IRONS, SPRAY
Bishop Co., G. H.
Cissell Mfg. Co., Inc., W. M.
Dryco Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

IRONS, STEAM
Automatic (Sussman) Steam Products Corp.
Cissell Mfg. Co., Inc., W. M.
Cooper Co., H. P.
Dejur Electric Works
Dryco Corp.
Jasper Co., T. G.
Newhouse Co.
New York Pressing Machinery Corp.
Stein Co., Lawrence M.
Sterling, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

IRONS, STEAM-ELECTRIC
Automatic (Sussman) Steam Products Corp.
Behrstock Co., L.
Cissell Mfg. Co., Inc., W. M.
Cooper Co., H. P.
Crown Mfg. Co.
Dejur Electric Works
Dryco Corp.
General Electric Co.
Glover, Inc., Bill
J & L Mfg. Co.
Jasper Co., T. G.
Kisco Boiler & Engineering Co.
Newhouse Co.
New York Pressing Machinery Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

IRON STANDS
Amber Mfg. Co.

JAPAN WAX
See: Wax, Japan

JARS
Knight, Maurice A.
U. S. Stoneware Co.

JOINTS, EXPANSION
See: Expansion Joints

JOINTS, FLEXIBLE STEAM
Barco Mfg. Co.
Diamond Metal Products Co.
Packless Metal Products Corp.
Seamlex Corp.

JOINTS, REVOLVING AND SWING
Barco Mfg. Co.
Crane Co.
Diamond Metal Products Co.
Johnson Corp.
Lunkenheimer Co.
New York Pressing Machinery Corp.

JOURNAL ROLLER BEARINGS
See: Bearings, Journal Roller

KETTLES, DYE
See: Dye Kettles

KNIT BLOCKING MACHINES
See: Blocking Machines, Knit

LABEL MOISTENERS
See: Moisteners, Label

LABELS AND SEALS
Allied Printing & Stationery Co., Inc.
Bartlett Label Co.
Fenton Label Co.
Gummed Tape & Devices Co.
Lamboy Label & Wrapper Co.
National Tag & Label Corp.
Penn Novelty Co.
Perfection Products Co.
Phoenix Products Co.
St. Louis Sticker Co.
Tompkins' Label Service
Wormstead, Smith & Loomis, Inc.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

LABELS, WOVEN, MARKING
Cash, Inc., J. & J.
Penn Novelty Co.

LABORATORY EQUIPMENT
Andrew Technical Service
Sterling, Inc.

LACERS, BELT
Clipper Belt Lacer Co.
Crescent Belt Fastener Co.
Detroit Belt Lacer Co.
Flexible Steel Lacing Co.
Philadelphia Belting Co.
Tingue, Brown & Co.
Virginia Leather Co.
Williams & Sons, I. B.

LACERS, FEED RIBBON
American Associated Companies
Clipper Belt Lacer Co.
Flexible Steel Lacing Co.
Tingue, Brown & Co.

LACERS, LAUNDRY APRON
Callaway Mills, Inc.
Clipper Belt Lacer Co.
Flexible Steel Lacing Co.
Tingue, Brown & Co.

LAMP GUARDS
See: Guards, Lamp

LAMPS, COLOR-MATCHING AND DAYLIGHT
General Electric Co.
MacBeth Corp.
Sylvania Electric Products, Inc.
Westinghouse Electric Corp., Lamp Div.

LAMPS, FLUORESCENT
General Electric Co., Lamp Dept.
National Marking Machine Co.
Sylvania Electric Products, Inc.
Westinghouse Electric Corp., Lamp Div.

LAMPS, MERCURY-VAPOR
General Electric Co., Lamp Dept.
Westinghouse Electric Corp. Lamp Div.

LAPEL PROTECTORS
See: Protectors, Lapel

LAUNDRY BAGS, PAPER
See: Bags, Paper, Laundry

LAUNDRY DYES
See: Dyes

LAUNDRY EXTRACTORS
See: Extractors, Laundry

LAUNDRY PRESSES
See: Presses, Laundry, Manually Operated, or Presses, Laundry, Power Operated

LAUNDRY SOAPS
See: Soaps, Laundry

LAUNDRY TINTS
See: Tints and Dyes, Laundry

LAUNDRY TUMBLERS, CLOTHES
See: Tumblers, Clothes, Laundry

LAUNDRY WASHERS
See: Washers, Laundry, Metal, or Washers, Laundry, Wood

LEATHER BELTING, WATER-PROOF
See: Belting, Waterproof Leather

LEATHER BELTING
See: Belting, Leather

LEATHER BELTING CEMENT
See: Cement, Leather Belting

LEATHER CLEANING
C. O. D. Cleaning & Dyeing Co.
Kirk's Leather Cleaners
Renard's Suede & Leather Cleaners & Redyers

LEATHER CLEANING SOAPS
See: Soaps, Leather Cleaning

LEATHER DYEING
See: Dyeing, Leather

LEATHER SOFTENERS
Bixbee Research, Inc.
Caled Products Co., Inc.
Keystone Aniline & Chemical Co.
Nycco Products Co.
Sirotta Co., Bernard
Spix Products Co.

LEVEL RECORDERS, BOILER
See: Recorders, Boiler Level

LIFT TRUCKS
See: Trucks, Industrial

LIGHTING FIXTURES
Cleaners Sales & Equipment Corp.
Crystalite Co., Inc.
Diehl Mfg. Co., Electrical Div. Singer Mfg. Co.
Donnell Co.
Ever-Lite Co.
General Luminescent Corp.
Guth Co., Edwin F.
Miller Co.
Sun Fluorescent Electric Co.

LIME SOAP SOLVENT
See: Solvent, Lime Soap

LINEN MARKERS
See: Markers, Linen

LINEN SUPPLIES
American Associated Companies
Bimberg & Co., Inc., Ben
Bostwick-Batterson Co.
Penn Novelty Co.
Reed-Stabin, Inc.
Standard Garment Co.

LINERS, PAPER
Kennedy Car Liner & Bag Co.
Spear Box Co., Inc.

LININGS
United Fabrics Co.

LINT BRUSHES
American Pressboard Co.
Master Products Co.
Newhouse Co.

LIQUID BLEACH
See: Bleach, Liquid

LIQUID CHLORINE
See: Chlorine, Liquid

LIQUID LEVEL CONTROLS
See: Controls and Regulators, Liquid Level

LIQUID LEVEL GAUGES
See: Gauges, Liquid Level

LIQUID LEVEL RECORDERS
See: Recorders, Liquid Level

LIQUID LEVEL REGULATORS
See: Controls and Regulators, Liquid Level

LIQUID STARCH
See: Starch, Liquid

LISTING MACHINES
National Marking Machine Co.

LISTS, PRICE
See: Price Lists

LOCKERS, METAL
Berger Mfg. Div., Republic Steel Corp.

LOW WATER ALARMS
See: Alarms, High and Low Water

LOW WATER FUEL CUTOFFS
See: Boiler Fuel Cutoffs, Low Water

LUBRICANT STARCH
See: Starch, Lubricant

LUBRICATING BEARINGS
See: Bearings, Lubricating

LUBRICATING GREASES
See: Greases, Lubricating

LUBRICATING OILS
See: Oils, Lubricating

LUBRICATING SYSTEMS
Bowser, Inc.
Ingersoll-Rand Co.
Stewart-Warner Corp., Alemite Corp.
Trico Fuse Mfg. Co.

MACHINE MARKING IDENTIFICATION SYSTEMS
See: Identification Systems

MACHINERY, USED AND REBUILT
Allen & Vickers, Inc.
Allied Laundry Machinery Corp.
Anchor Laundry Machinery & Service, Inc.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Baehr Laundry Machine Co.
Chicago Dryer Co.
Columbia Laundry Machinery Co.
Cummings-Landau Laundry Machinery Co., Inc.

DRYCLEANING and LAUNDRY MACHINERY
By the largest company specializing in
REBUILT EQUIPMENT
Cummings-Landau Laundry Machinery Co., Inc.
305 Ten Eyck St., Brooklyn 6, N. Y.
Tel.: HYacinth 7-1616

Excelsior Machinery Co.
Getzloff & Son, R. B.
Greaves Machine Tool Co.
Hammond Laundry-Cleaning Machinery Co.
Hatters' Supply House, Inc.
Imperial Laundry Machinery Co.
Industrial Laundry Machinery Co.
Marvel Mfg. Co.
Mitchell Co., J. B.
New York Pressing Machinery Corp.
Poland Laundry Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Universal Laundry Machinery Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.
Williams Laundry Machinery Co., Inc.
Zephyr Laundry Machinery Co.

MACHINES, ELECTROLYTIC BLEACH MAKING
See: Bleach Making Machines

MACHINES, OFFICE
See: Office Machines

MANAGEMENT CONSULTANTS AND ENGINEERS
See: Engineers, Management

MARKERS, LINEN
Carson Textile Co., Inc.
Cash, Inc., J. & J.
National Marking Machine Co.
Penn Novelty Co.
Stafford Co., N.
Stampagraph Co., Inc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

MARKERS, RUBBER
Carman & Co., Inc.
Laurel Co.
Spears Co.
Stafford Co., N.
Thompson-Hayward Chemical Co.

MARKING FLAGS
See: Flags, Marking

MARKING FOUNTAIN PENS
See: Fountain Pens, Marking

MARKING INK
See: Ink, Indelible Marking, or Ink, Invisible Marking

MARKING INK, INVISIBLE
See: Ink, Invisible Marking

MARKING LABELS, WOVEN
See: Labels, Woven, Marking

MARKING MACHINES
American Numbering Machine Co.
Flash-Fast Div. of Louis Marks, Inc.
Marvel Marking Machine Co.
National Marking Machine Co.
OlsenMark Corp.
Perfection Marking Machine Co.
Pittsburgh Tag Co.
Roberts Numbering Machine Co.
Steigler Co., George
Textile Marking Machine Co., Inc.

MARKING PENS
See: Pens, Marking, and Marking Fountain Pens

MARKING PINS
Keyes-Davis Co.
Key-Tag Checking System Co.
National Marking Machine Co.
Risdon Mfg. Co.
Stadham Co., Inc.

MARKING ROOMS
American Laundry Machinery Co.
National Marking Machine Co.

MARKING SETS
Ink-O Products Co.

MARKING SYSTEMS
See: Identification Systems

MARKING TABLES
National Marking Machine Co.
Nutting Truck & Caster Co.
Perfection Products Co.

MARKING TAG SEWING MACHINES
See: Sewing Machines, Marking Tag

MARKING TAGS
See: Tags, Marking

MARKING TAPE
See: Tape, Marking

MATS, FLOOR
Brabrook, A. N.
Burgess-Berliner Associates

Lam-Tex FLOOR MAT
Tremendous production lift in this springy, soft, resilient pad for standing operators. Porous, self-air-cooled, resists rot, oils, acids—like standing on a cloud. 20" x 36" x ½".
BURGESS-BERLINER
Associates
St. Charles, Illinois

Colonial Rubber Co.
Goodrich Co., Inc., B. F.
Industrial Products Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.

MENDING AND DARNING MACHINES
See: Darning and Mending Machines

MENDING TAPE
See: Tape, Mending

MENDING TAPE, HEAT-SEALING
See: Tape, Mending, Heat-Sealing

MERCURY-VAPOR LAMPS
See: Lamps, Mercury-Vapor

METAL BASKETS
See: Baskets, Metal

METAL BEARINGS
See: Bearings, Metal

METAL BUSHINGS
See: Bushings, Metal

METAL CHUTES
See: Chutes, Metal

METAL, CORROSION-RESISTANT
Allegheny Ludlum Steel Corp.
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp.
International Nickel Co., Inc.

METAL CYLINDERS
See: Cylinders, Metal

METAL FLOORING
See: Flooring, Metal

METAL HAND TRUCKS
See: Trucks, Industrial

METAL HOSE, FLEXIBLE
See: Hose, Flexible Metal

METAL LOCKERS
See: Lockers, Metal

METAL, MONEL
International Nickel Co., Inc.

METAL PADS, MONEL
See: Pads and Padding, Press and Ironer

METAL, PERFORATED
Ohio Centrifugals Co.

METAL PICK-UP BOXES
See: Boxes, Metal

METAL POLISH
See: Polish, Metal

METAL, PORCELAIN ENAMELED
Erie Enameling Co.

METAL PROTECTIVE PAINT
See: Paint

METAL ROOFING
See: Roofing, Metal

METAL SHELVING
See: Shelving, Metal

METAL TANKS
See: Tanks, Metal

METAL VATS
See: Vats, Metal

METAL WASHERS
See: Washers (under specific headings)

METAPHOSPHATE
Calgon, Inc.
Theobald Industries
Thompson-Hayward Chemical Co.

METASILICATE
Diamond Alkali Co.
Philadelphia Quartz Co.
Riverside Chemical Co., Inc.
Theobald Industries
Thompson-Hayward Chemical Co.

METERS, AIR
American District Steam Co.
Bailey Meter Co.
Republic Flow Meters Co.
Roots-Connersville Blower Corp.

METERS, BOILER
Bailey Meter Co.
Republic Flow Meters Co.

METERS, CARBON DIOXIDE (CO_2)
Davis Emergency Equipment Co., Inc.
Defender Instrument & Regulator Co.
Permutit Co.
Republic Flow Meters Co.

METERS, CONDENSATION
American District Steam Co.

METERS, ELECTRIC
General Electric Co.
Weston Electrical Instrument Corp.

METERS, FEEDWATER
Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Buffalo Meter Co.
Foxboro Co.

METERS, FLOW
American District Steam Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
Hagan Corp.
Republic Flow Meters Co.

METERS, FLUID
Bailey Meter Co.
Bowser, Inc.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Buffalo Meter Co.
Foxboro Co.

METERS, GAS
Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
Republic Flow Meters Co.
Roots-Connersville Blower Corp.
Worthington Pump & Machinery Corp.

METERS, pH COLORIMETRIC DETERMINATION
See: pH Control Equipment

METERS, pH ELECTROMETRIC DETERMINATION
See: pH Control Equipment

METERS, STEAM
American District Steam Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
Hagan Corp.
Republic Flow Meters Co.

METERS, TIME
Bildwel Manufacturers
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cramer & Co., Inc., R. W.

METERS, WASHER
Bildwel Manufacturers

METERS, WATER
Buffalo Meter Co.
Republic Flow Meters Co.
Worthington Pump & Machinery Corp.

MILDEW PREVENTATIVES
Anderson-Campbell Corp.

AQUA-PRUF*
Protects Garments Against
MILDEW
Write for information
ANDERSON-CAMPBELL CORP.
*Reg. T.N. YONKERS, N. Y.

Atlantic Stainproof Co.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carlton Chemical Co., Inc.
Carman & Co., Inc.
Cidex Corp.
Dettelbach Co.
Dow Chemical Co.
General Dyestuff Corp.
Germaclean, Inc.
Johnson Chemical Industries, Inc.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Mallinckrodt Chemical Works
Nuodex Products Co., Inc.
Patek & Co.
Perm-Aseptic Corp.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.

For manufacturers' addresses see MANUFACTURERS' list beginning page 254

Research Laboratories Corp.
Sirotta Co., Bernard
Thompson-Hayward Chemical Co.
U. S. Rubber Co.
Wolke Co., A. F.

MILL WHITE PAINT
See: Paint

MIXERS, STARCH
See: Starch Mixers

MODIFIED SODA
See: Soda, Modified

MOISTENERS, LABEL
Better Packages, Inc.

MOLDED RUBBER GOODS
See: Rubber Goods, Molded

MONEL METAL
See: Metal, Monel

MONEL METAL PADS
See: Pads and Padding, Press and Ironer

MONORAIL CONVEYORS
See: Conveyors, Monorail

MONORAIL TROLLEYS
See: Trolleys, Monorail

MOTHPROOF STORAGE BAGS
See: Bags, Storage Mothproof

MOTHPROOFING AGENTS
Adco, Inc.
American Mothproofing Co.
Atlantic Stainproof Co.
Barrett Div., Allied Chemical & Dye Corp.
Berlon Mfg. Co.
Bocon Chemical Corp.
Cidex Corp.
Crescent Chemical Div., Hood Chemical Co., Inc.
Crossland Mfg. Co., Inc.
Delray Industries, Inc.
Dettelbach Co.
Devere Co.
Drew & Co., Inc., E. F.
Emery Industries, Inc.
Fumol Corp.
General Dyestuff Corp.
Germaclean, Inc.
Haertel Co., Walter
Hardin Co., Inc., J. L.
Huntington Laboratories, Inc.
Johnson Chemical Industries, Inc.
Kinford Co.
Kohnstamm & Co., Inc., H.
Mallinckrodt Chemical Works
Merson Products Co.
Monite Co., Inc.
National Textile Conservation Co., Div. Research Laboratories Corp.

CON-O-TEX
Mothproofing
Write for full information
NATIONAL TEXTILE CONSERVATION CO.
(Division of Research Laboratories Corp.)
Sherron Acres, Durham, N. C.

Nyceo Products Co.
Package Chemical Co., Inc.
Patek & Co.
Patterson Laboratories, Inc.
Pennsylvania Salt Mfg. Co.
Perm-Aseptic Corp.

Mothproof with
PERM-Aseptic
FREE SALES AID—write for information
PERM-Aseptic Corp.

Per-Mo Products Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Research Laboratories Corp.
Riverside Chemical Co.
Savf Mothproofing Co.
Sibur Mothproof Co.
Sirotta Co., Bernard
Signal Chemical Mfg. Co.
Superior Products Co.
Texas Soap Mfg. Corp.
Thompson-Hayward Chemical Co.
Wolke Co., A. F.

MOTHPROOFING EQUIPMENT
Crossland Mfg. Co., Inc.
Devere Co.
Haertel Co., Walter
Hopkins Equipment Co.
Multi-Clean Products, Inc.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
U. S. Hoffman Machinery Corp.

MOTH REPELLENTS
See: Repellents, Moth

MOTOR CONTROLS
See: Controls and Regulators, Motor

MOTOR-GENERATOR SETS
Allis Co., Louis
Belco Industrial Equipment Div.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Iron Works
Diehl Mfg. Co., Electrical Div. Singer Mfg. Co.
Elliott Co.
Kato Engineering Co.
Reliance Electric & Engineering Co.

MOTOR OPERATED VALVES
See: Valves, Motor Operated

MOTORS, ELECTRIC
Allis-Chalmers Mfg. Co.
Allis Co., Louis
Belco Industrial Equipment Div.
Century Electric Co.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Iron Works
Diehl Mfg. Co., Electrical Div. Singer Mfg. Co.
Elliott Co.
Kato Engineering Co.
Reliance Electric & Engineering Co.
Worthington Pump & Machinery Corp.

MUSHROOM PRESSES
See: Presses, Mushroom

NAMEPLATES
See: Emblems

NAPHTHAS
American Mineral Spirits Co.
Anderson-Prichard Oil Corp.
Deep Rock Oil Corp.
Shell Oil Co., Inc.
Standard Oil Co.
Union Oil Co. of California

NECKBAND REPLACEMENTS
See: Replacements, Collar, Cuff and Neckband

NECKTIE BAGS
See: Bags, Necktie

NECKTIE CASES
See: Cases, Necktie

NECKTIE HANGERS
See: Hangers, Necktie

NECKTIE PRESSES
See: Presses, Necktie

NET HOLDERS
See: Holders, Bag and Net

NET PINS
See: Pins, Net

NETS, LAUNDRY
American Associated Companies
Benwall Mfg. Co., Inc.
Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co., Inc.

CARSON TEXTILE CO., INC.
Manufacturers
ORDER thru your JOBBER.
• LAUNDRY NETS
• PICK-UP BAGS
for Dry Cleaners
PRESS PADS & COVERS
TEXTILE SPECIALTIES
2401-15 S. SWANSON ST. PHILA. 48, PA.

Hettrick Mfg. Co.
Hygrade Button & Supply Co.
Lally Co.
New York Net Co.
Nylon Textile Products Co., Inc.
Pittsburgh Waterproof Co.
Smith, Inc., X. S.
Southern Mills, Inc.
Speare Co.
Stanley Co., Inc., John T.
Tingue, Brown & Co.
Whitehouse Products, Inc.

NICKEL AND NICKEL ALLOYS
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp.
International Nickel Co., Inc.

NON-RETURN TRAPS
See: Traps, Non-Return

NON-RETURN VALVES, BOILER
See: Valves, Boiler Non-Return

NOZZLES, SPRAY
American LaFrance-Foamite Corp.
Bishop Co., G. H.
DeVilbiss Co.
Goodrich Co., B. F.
Hopkins Equipment Co.
National Airoil Burner Co.
Newhouse Co.
Spray Engineering Co.
Stewart-Warner Corp., Alemite Corp.
Tarnall-Waring Co.

NUMBERING MACHINES
American Numbering Machine Co.
Keyes-Davis Co.
Roberts Numbering Machine Co.
Stafford Co., N.

NUMBERING MACHINES, INK
See: Numbering Machines

NUT SHELLS, FUR CLEANING
See: Fur Cleaning Supplies

NYLON COVER CLOTH
See: Cloth, Cover

NYLON IRONER TAPE
See: Tape, Ironer

NYLON NETS
See: Nets, Laundry

NYLON PRESS CLOTH
See: Cloth, Press

ODOR ABSORBERS
See: Absorbers, Odor

ODOR ELIMINATORS
Caled Products Co., Inc.
Eaton Chemical & Dyestuff Co.
Germaclean, Inc.
Hopkins Equipment Co.
Kelite Products, Inc.
Kohnstamm & Co., Inc., H.
Liquid Conditioning Corp.
Mead Co., George E.
Nyeco Products Co.
Paper Chemicals, Inc.
Perm-Aseptic Corp.
Salomon & Bro., L. A.
Turco Products, Inc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

OFFICE MACHINES
Allen Business Machines, Inc., R. C.
Burroughs Adding Machine Co.
Egry Register Co.
National Cash Register Co.
Stafford Co., N.
Standard Register Co.
Todd Co., Inc.

OIL AND STEAM SEPARATORS
See: Separators, Oil and Steam

OIL BURNER GOVERNORS
See: Governors, Oil Burner

OIL BURNERS
See: Burners, Oil

OIL COOLERS
See: Coolers, Oil, Water, Air

OIL CUPS
Lunkenheimer Co.
Oil-Rite Corp.
Stewart-Warner Corp., Alemite Corp.
Victor Lubricator Sales Co.

OILERS
Lunkenheimer Co.
Oil-Rite Corp.
Stewart-Warner Corp., Alemite Corp.
Trico Fuse Mfg. Co.
Victor Lubricator Sales Co.

OIL FILTERS
Bowser, Inc.
Liquid Conditioning Corp.
Wright-Austin Co.

OILLESS BEARINGS
See: Bearings, Oilless

OILLESS BUSHINGS
See: Bushings, Oilless

OIL PUMPS
See: Pumps, Oil

OIL-REMOVING FILTERS
See: Filters, Oil-Removing

OILS, LUBRICATING
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Cook's Sons, Inc., Adam
Gulf Oil Corp., Gulf Refining Co.
Houghton & Co., E. F.
International Metal Polish Co.
Keystone Lubricating Co.
Lubriplate Div., Fiske Bros. Refining Co.
Phoenix Oil Co.
Riverside Chemical Co., Inc.
Sonneborn Sons, Inc., L.
Standard Oil Co.
Stewart-Warner Corp., Alemite Corp.
Texas Co.
Union Oil Co. of California

OIL SOAPS
See: Soaps, Oil

OILS, SULPHONATED
See: Sulphonated Oils

OIL, TURKEY RED
See: Turkey Red Oil

OPTICAL BLEACH
See: Bleach

ORTHOSILICATE (SODIUM)
See: Sodium Orthosilicate

OVERALL FORMS
Leef Brothers, Inc.

OVERALL PRESSES
See: Presses, Overall

OVERFEED STOKERS
See: Stokers

OVERHEAD CONVEYORS
See: Conveyors (under specific headings)

OVERHEAD CRANES
See: Cranes, Overhead Electric

OXALIC ACID
DuPont de Nemours & Co., Inc., E. I.
Innis, Speiden & Co.
Mallinckrodt Chemical Works
Riverside Chemical Co., Inc.
Victor Chemical Works

PACKAGE DISCHARGE CONVEYORS
See: Conveyors, Package Discharge

PACKAGE TYING MACHINES
See: Bundle Tyers

PACKINGS
Belmont Packing & Rubber Co.
Garlock Packing Co.
Graton & Knight Co.
Houghton & Co., E. F.
International Steel Wool Corp.
Johns-Manville
Metalastic Mfg. Corp.
Philadelphia Belting Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.
Walsh Packing Co.
Warren Belting Co., Inc.

PADDING ASBESTOS
See: Pads and Padding, Press and Ironer

PADDING, COTTON
See: Pads and Padding, Press and Ironer

PADDING, FELT
See: Pads and Padding, Press and Ironer

PADDING, IRONER
See: Pads and Padding, Press and Ironer

PADS AND PADDING, PRESS AND IRONER
American Associated Companies
American Hair & Felt Co.
Arrow Mfg. Co., Inc.
Baltimore Specialties Co.
Benwall Mfg. Co.
Bergen Machine Tool Co., Inc., Rando Unit Springs Div.
Brillo Mfg. Co., Inc.
Burgess-Berliner Associates

Lom-Tex PRESS PADS
Really different and better—because this special rubber was created just to give perfect porosity, perfect density, perfect texture, faster, better, better production. Insist on the GREEN Lom-Tex rubber in your next press pad.
BURGESS-BERLINER
Associates
St. Charles, Illinois

Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co.
Egan Cotton Mills
Franklin Textile Mills
Fullo Corp.
Hettrick Mfg. Co.
Hooper & Sons Co., Wm. E.
International Steel Wool Corp.
Knitted Padding Co.
Lewis National Corp.
Manitowoc Cotton Goods Mfg. Co.
Newhouse Co.
Orr Felt & Blanket Co.
Paderaft Corp.
Padright Co.
Patek & Co.
Pittsburgh Waterproof Co.
Poro-Press Co.
Progressive Textile Mfg. Co.
Quality Products Co.
Resillo Co.

PRESS PADS
Resillo, Perfex, Champion, Permapads, "Round-the-Button", Standard, Flamonel
OVER 1000 SIZES AND SHAPES TO FIT EVERY PRESSING MACHINE
RESILLO COMPANY
2328 W. NELSON ST., CHICAGO 18
WORLD'S LARGEST EXCLUSIVE MANUFACTURERS of METAL PRESS PADS

Revolite Div., Atlas Powder Co.
Smith, Inc., X. S.
Southern Mills, Inc.
Stadham Co., Inc.
Stanley Co., Inc., John T.
Steinman Paper Co.
Superior Products Co.
Tingue, Brown & Co.
U. S. Rubber Co., Koylon Div.
Western Laundry Press Co.
Whitehouse Products, Inc.
Wood Conversion Co.
Zeidler Mfg. Co.
Zellermayer & Co., Nathan
Zuckerberg Co.

PADS, DYE
See: Dye Pads

PADS, IRONER, COTTON
See: Pads and Padding, Press and Ironer

PADS, IRONER, FELT
See: Pads and Padding, Press and Ironer

PADS, IRONER, FLANNEL
See: Pads and Padding, Press and Ironer

PADS, IRONER, HANDKERCHIEF
See: Pads and Padding, Press and Ironer

PADS, MONEL METAL
See: Pads and Padding, Press and Ironer

PADS, PRESS AND IRONER, ASBESTOS
See: Pads and Padding, Press and Ironer

PADS, PRESS, COTTON
See: Pads and Padding, Press and Ironer

PADS, PRESS, FELT
See: Pads and Padding, Press and Ironer

PADS, PRESS, FLANNEL
See: Pads and Padding, Press and Ironer

PADS, PRESS, RUBBER
See: Pads and Padding, Press and Ironer

PADS, PRESS, SPRING
See: Pads and Padding, Press and Ironer

PADS, PRESS, STEEL WOOL
See: Pads and Padding, Press and Ironer

PADS, PRESS, WOVEN
See: Pads and Padding, Press and Ironer

PADS, TUMBLER
Lewis National Corp.
Manitowoc Cotton Goods Mfg. Co.

SAMSONMITE* TUMBLER PADS

For all makes
PRODUCE BETTER QUALITY
ASK YOUR JOBBER
OTHER PRODUCTS: FILTER BAGS
EXTRACTOR COVERS
PILLOW TICKS • SOAP WHIPS
STARCH WHIPS
*Patented T.M. Reg.
MANITOWOC COTTON GOODS MFG. CO.
813 South 8th St. • Manitowoc, Wis.

PAILS, ACID-RESISTING
See: Buckets and Pails, Acid-Resisting

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

PAINT
American Abrasive Metals Co.
American-Marietta Co.
Barrett Div., Allied Chemical & Dye Corp.
Devers Co.
Devoe & Raynolds Co., Inc.
DuPont de Nemours & Co., Inc., E. I.
Glidden Co.
Horn Co., Inc., A. C.
Midland Paint & Varnish Co.
Pittsburgh Plate Glass Co., Paint Div.
Quigley Co., Inc.
Sonneborn Sons, Inc., L.
Steeleote Mfg. Co.
Subox, Inc.
Tropical Paint & Oil Co.
U. S. Gutta Percha Paint Co.
U. S. Stoneware Co.
Vita-Var Corp.
Wilbur & Williams Co.

PAINT, ALUMINUM
See: Paint

PAINT, BRICK, CEMENT, CONCRETE, STONE
See: Paint

PAINT, HEAT-RESISTING
See: Paint

PAINT, METAL-PROTECTIVE
See: Paint

PAINT, MILL WHITE
See: Paint

PAINT, STEAM- AND FUME-RESISTING
See: Paint

PAINT, TRUCK
See: Paint

PAINT, WOOD
See: Paint

PAINT REMOVERS
Adco, Inc.
Allen & Vickers, Inc.
Aurora Mfg. Co.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Davies-Young Soap Co.
Dixo Co.
Dow Chemical Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.
Huntington Laboratories Inc.
Kelite Products, Inc.
Keystone Aniline & Chemical Co., Inc.
Lewis National Corp.
Merson Products Co.
Midland Paint & Varnish Co.
National Cleaners Chemical Mfg. Co.
Northeastern Soap & Chemical Co.
Oakite Products, Inc.
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Rayochem Products Co.
Riverside Chemical Co., Inc.
Riverside Mfg. Co.
Spitz Products Co.
Steeleote Mfg. Co.
Street & Co., Inc., R. R.
Turco Products, Inc.
Vita-Var Corp.
Wilson Chemical Co., A. L.
Wyandotte Chemicals Corp.

PAINT-SPRAYING EQUIPMENT
American Brake Shoe Co., Kellog Div.
Binks Mfg. Co.
Devere Co.
DeVilbiss Co.
Spray Engineering Co.
Stewart-Warner Corp., Alemite Corp.

PANTS BAGS
See: Bags, Pants or Trouser

PAPER, ASBESTOS
See: Asbestos Paper

PAPER BANDS
See: Bands, Paper

PAPER BOXES
See: Boxes, Fiber and Paper

PAPER HANGERS
See: Hangers, Garment

PAPER LAUNDRY BAGS
See: Bags, Paper, Laundry

PAPER LINERS
See: Liners, Paper

PAPER SHIRT ENVELOPES
See: Envelopes, Shirt

PAPER, WETWASH
Laundry Packaging Corp.
Spear Box Co., Inc.
Steinman Paper Co.

PAPER WRAPPERS
See: Wrappers, Paper

PAPER, WRAPPING
Andrew Paper Box & Bag Corp.
Bond Street Bag & Paper Corp.
Laundry Packaging Co.
McGrane Bros.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.

PASTE SOAPS
See: Soaps, Drycleaning

PEARL BUTTONS
See: Buttons

PENETRANTS
Alrose Chemical Co.
American Aniline Products, Inc.
Apex Chemical Co., Inc.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Davies-Young Soap Co.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
General Aniline & Film Corp., Special Products Sales Div.
Hercules Powder Co.
Kelite Products, Inc.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Merson Products Co.
Solvay Sales Div., Allied Chemical & Dye Corp.
Street & Co., Inc., R. R.
Wilson Chemical Co., A. L.
Wolf & Co., Jacques

PEN POINTS, MARKING
Ink-O Products Co.

PENS, MARKING
Applegate Chemical Co.
Ink-O Products Co.
Mark-O Corp.
Mark-Tex Corp.
Stafford Co., N.
Taubman, Inc., Samuel

PERCHLORETHYLENE
Detrex Corp.
Diamond Alkali Co.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co., Inc.

PERFORATED METAL
See: Metal, Perforated

PETROLEUM SOLVENT, SAFETY
See: Solvent, Safety Petroleum

pH CONTROL EQUIPMENT
Bailey Meter Co.
Belco Industrial Equipment Div.
Bristol Co.
Cambridge Instrument Co., Inc.
Diamond Alkali Co.
Elgin Softener Corp
Foxboro Co.
Hellige, Inc.
Kem Laboratories
MacBeth Corp.
National Aluminate Corp.
National Technical Labs.
Taglabue Div., C. J., Portable Products Corp.
Taylor & Co., W. A.

pH INDICATORS
See: Indicators, pH

PHOSPHATE CONTROL EQUIPMENT
Taylor & Co., W. A.

PHOSPHATE, SODIUM TETRA
See: Sodium Tetraphosphate

PHOSPHATE TEST KITS
See: Test Kits, Phosphate

PHOSPHATE, TRISODIUM
See: Trisodium Phosphate

PHOTOELECTRIC CONTROLS
See: Controls and Regulators, Photoelectric

pH TEST KITS
See: Test Kits, pH Control

PICK-UP BOXES, METAL
See: Boxes, Metal

PILLOW BLOCKS
See: Blocks, Hanger and Pillow

PILLOWCASE REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

PILLOWCASES
See: Replacements, Sheets, Pillowcases, etc.

PILLOW FEATHER STERILIZING MACHINES
See: Sterilizing Machines, Pillow, Feather

PILLOW TICKINGS
See: Tickings

PIN AND TAG IDENTIFICATION SYSTEMS
See: Identification Systems

PIN CARRIERS
Benwall Mfg. Co.
Carman & Co., Inc.
Keyes-Davis Co., The
Key-Tag Checking System Co., The
National Marking Machine Co.
Riadon Mfg. Co.
Stadham Co., Inc.

PINE OIL EMULSIFIER
Davies-Young Soap Co.
Standard Soap Co. of Camden
Thompson-Hayward Chemical Co.
Wolf & Co., Jacques
Wolke Co., A. F.

PINE OIL, SOLUBLE
Adco, Inc.
Apex Chemical Co., Inc.
Davis-Weil Mfg. Co.
Riverside Chemical Co., Inc.
Standard Soap Co. of Camden
Thompson-Hayward Chemical Co.
Washine National Sands, Inc.
Wolf & Co., Jacques

PINS
Keyes-Davis Co.
Key-Tag Checking System Co.
National Marking Machine Co.
Prym, Inc., William
Riadon Mfg. Co.
Steinman Paper Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

PINS, MARKING
See: Marking Pins

PINS, NET
Keyes-Davis Co.
Key-Tag Checking System Co.
National Marking Machine Co.
Prym, Inc., William
Roslon Mfg. Co.
Steinman Paper Co

PINS, SAFETY
Keyes-Davis Co.
National Marking Machine Co.
Pittsburgh Tag Co.
Prym, Inc., William
Roslon Mfg. Co.
Steinman Paper Co.

PIN-TRAY CABINETS
American Laundry Machinery Co.
Keyes-Davis Co.
National Marking Machine Co.
Roslon Mfg. Co.

PIPE, ACID-RESISTING ALLOY
Allegheny Ludlum Steel Corp.
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp.
Johns-Manville
Kirk & Blum Mfg. Co.
Revere Copper & Brass, Inc.

PIPE, ACID-RESISTING HARD RUBBER
Raybestos-Manhattan, Inc.
U. S. Rubber Co.

PIPE, ASBESTOS CEMENT
Johns-Manville

PIPE, CAST IRON
Brady Conveyors Corp.

PIPE, COPPER AND BRONZE
Bridgeport Brass Co.
Chase Brass Co.
Revere Copper & Brass, Inc.

PIPE COUPLINGS
See: Couplings, Pipe

PIPE COVERING, ASBESTOS
See: Insulation, Pipe and Boiler

PIPE CUTTERS AND THREADERS
Beaver Pipe Tools, Inc.

PIPE FITTINGS
See: Fittings, Pipe

PIPE INSULATION
See: Insulation, Pipe and Boiler

PIPE JOINT CLAMPS
See: Clamps, Pipe Joints

PIPE JOINT COMPOUND
Armite Laboratories
Bowser, Inc.
Crane Co.
Keystone Lubricating Co.
Midland Paint & Varnish Co.
Quigley Co., Inc.

PIPE LINE STRAINERS
See: Strainers, Pipe Line

PIPE, NICKEL AND NICKEL ALLOYS
International Nickel Co., Inc.

PIPE REPAIR CLAMPS
See: Clamps, Pipe Repair

PIPE, STEEL
Allegheny Ludlum Steel Corp.
Carl Sons, Chas. W.
Chandler Machine Co.
Republic Steel Corp.

PIPE WRENCHES
See: Wrenches, Pipe

PLASTIC BUTTONS
See: Buttons

PLASTIC FIREBRICK
See: Firebrick

PLATFORM TRUCKS
See: Trucks, Industrial

PLEATING MACHINES
Chandler Machine Co.
Maxant Button & Supply Co.

PNEUMATIC CONVEYORS
See: Conveyors, Pneumatic, Bulk

PNEUMATIC HOISTS
See: Hoists

POCKET FORMS
Leef Brothers, Inc.

POCKET REPLACEMENTS
See: Replacements, Pocket, Trouser

POLES, RUG AND CARPET
See: Rug and Carpet Cleaning Equipment

POLISHING MACHINES, FLOOR
See: Floor Cleaning, Scrubbing and Polishing Machines

POLISH, METAL
Adco, Inc.
Carman & Co., Inc.
Continental Car-Na-Var Corp.
Du Pont de Nemours & Co., Inc., E. I.
International Metal Polish Co.
Riverside Chemical Co., Inc.

POLISH TWINE
American Associated Companies
Steinman Paper Co.

PORTABLE BLOWERS
See: Blowers

PORTABLE SCALES
See: Scales

POSTERS
Capital Poster Service
Crewdson Co.
Foster-Stephens, Inc.
United Print Shop

POWDER, BLEACHING
See: Bleaching Powder

POWDER, BREAK
See: Break Powder

POWDER, FILTER
See: Filter Powder

POWER HOISTS
See: Hoists

POWER PLANTS AND UNITS, STEAM
See: Boilers and Steam Generators

PREFABRICATED BUILDINGS
See: Buildings, Prefabricated

PREHEATERS
American District Steam Co.
Davis Engineering Corp.
Dutton Co., C. H.
Hopkins Equipment Co.
Modine Mfg. Co.
Schaub Engineering Co., Inc., Fred. H.
Stout & Sons, David
Whitlock Mfg. Co.

PRESERVATIVES, BELT
Dow Chemical Co.
Houghton & Co., E. F.
Phoenix Oil Co.

PRESPOTTERS
Adco, Inc.
Allen & Vickers, Inc.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Davies-Young Soap Co.
Dixo Co.
Dow Chemical Co.
G. & G. Chemical Co.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Mead Co., George E.
Merson Products Co.
National Cleaners Chemical Mfg. Co.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Ravochem Products Co.
Riverside Mfg. Co.
Sukeiten Mfg. Co.
Spix Products Co.
Stadham Co., Inc.
Street & Co., Inc., R. R.
Takamine Laboratory, Inc.
Wilson Chemical Co., A. L.

PRESS BOARDS
Automatic (Suseman) Steam Products Corp.
American Pressboard Co.
Cooper & Co., H. P.
Kisco Boiler & Engineering Co.
Wisconsin Equipment Supply Co.

PRESS CLAMPS
Amber Mfg. Co.
Ink-O Products Co.
Newhouse Co.

PRESS CLEANERS
Carman & Co., Inc.
Excelsior Machinery Co.
Stadham Co., Inc.
Tyson Sales Co.

PRESS CLOTH
See: Cloth, Press

PRESS CLOTH, WOOL
See: Cloth, Press

PRESS COVERS
American Associated Companies
Baltimore Specialties Co.
Benwall Mfg. Co.
Burgess-Berliner Associates
Calloway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co., Inc.
Franklin Textile Mills

COVERS — PADS

FLANNELS

Hygrade Button & Supply Co.
Lally Co., R.
Lewis National Corp.
New York Pressing Machinery Corp.
Norton & Williams, Inc.

PRESS COVERS
Nylon, Cover Cloth, Sheeting
Moleskin, Asbestos, etc.
Economically Priced, Perfectly Tailored
Write for samples and prices.
NORTON & WILLIAMS, INC.
608 North Ave. Westfield, N. J.

Patek & Co.
Pittsburgh Waterproof Co.
Quality Products Co.
Revolite Div., Atlas Powder Co.
Robins & Co., G. S.
Smith, Inc. X. S.
Southern Mills, Inc.
Stadham Co., Inc.
Stanley Co., Inc., John T.
Superior Products Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Tingue, Brown & Co.
U. S. Hoffman Machinery Corp.
Wagner Awning & Mfg. Co.
West Side Bag & Paper Co., Inc.
Whitehouse Products Inc.
Zellermayer & Co., Nathan
Zuckerberg Co.

PRESS COVER SPRINGS

Ink-O Products Co.
Jim Dandy Products
Risdon Mfg. Co.

PRESS HEAD CLEANERS

Brenew Co.
Carman & Co., Inc.
Stadham Co., Inc.
Tyson Sales Co.

PRESS PADS

See: Pads and Padding, Press and Ironer

PRESS PLATES

Behrstock Co., L.
Davis Specialties
U. S. Hoffman Machinery Corp.

PRESS PROTECTORS

See: Protectors, Press

PRESS, SHOCK ABSORBERS, HYDRAULIC

See: Shock Absorbers, Press

PRESSES, DRYCLEANING, MANUALLY OPERATED

Butler Mfg. Co.
Christman Co., Inc., E. L.
Excelsior Machinery Corp.
Forse Corp.
Goldman Pressing Machine Corp.
Leonard Pressing Machine Co.
Loyal Textile Machinery Corp.
National Machinery Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Ron-Lin, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
First for PRESSES
with Exclusive Extras
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Western Laundry Press Co.

PRESSES, DRYCLEANING, POWER OPERATED

Forse Corp.
Goldman Pressing Machine Corp.
New York Pressing Machinery Corp.
Prosperity Co., Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, LAUNDRY, MANUALLY OPERATED

American Laundry Machinery Co.
Forse Corp.
Loyal Textile Machinery Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, LAUNDRY, POWER OPERATED

American Laundry Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.

"NEW YORKER" BUILDS THE WORLD'S BEST AND MOST COMPLETE LINE OF STEAM PRESSES FOR OVER 40 YEARS . . .
NEW YORK PRESSING MACHINERY CORP.
880 BROADWAY, NEW YORK 3, N. Y.

Pantex Mfg. Corp.
Prosperity Co., Inc.
Reliable Steam Pressing Machine Service, Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.

UNIPRESS
SHIRT UNITS
LINEN SUPPLY
WEARING APPAREL
The UNIPRESS Company
MINNEAPOLIS MINNESOTA

U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, LINEN SUPPLY, POWER OPERATED

American Laundry Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.

UNIPRESS
Roto-Matic
• INDUSTRIAL
• LINEN SUPPLY
• COMMERCIAL LAUNDRIES
The UNIPRESS Company
MINNEAPOLIS MINNESOTA

Western Laundry Press Co.

PRESSES, MUSHROOM

American Laundry Machinery Co.
Butler Mfg. Co.
Christman Co., Inc., E. L.
Excelsior Machinery Co.
Forse Corp.
Loyal Textile Machinery Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, NECKTIE

Shedlov-Heinz Mfg. Co.

JANET NECKTIE PRESS
The new improved JANET necktie press provides a faster, easier, and less expensive way to finish neckties like new . . . including the new wider ties. JANET GLOVE FORMS now available in electric or steam. WRITE TODAY for free booklet.
SHEDLOV-HEINZ MANUFACTURING CO.
15-B Wilder Street, Minneapolis 1, Minn.

Troy Laundry Machinery Div., American Machine & Metals, Inc.
Western Laundry Press Co.

PRESSES, OVERALL

American Laundry Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, SHIRT

American Laundry Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.

UNIPRESS
SHIRT UNITS
LINEN SUPPLY
WEARING APPAREL
The UNIPRESS Company
MINNEAPOLIS MINNESOTA

U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, SILK

American Laundry Machinery Co.
Christman Co., Inc., E. L.
Excelsior Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Presses, Silk *(Continued)*

Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, WASH-SUIT

American Laundry Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSES, WEARING APPAREL

American Laundry Machinery Co.
Butler Mfg. Co.
Chrisman Co., Inc., E. L.
Excelsior Machinery Co.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.
U. S. Hoffman Machinery Corp.
Western Laundry Press Co.

PRESSING BOARDS (DRY-CLEANING)

American Laundry Machinery Co.
Automatic (Sussman) Steam Products Corp.
Butler Mfg. Co.
Chrisman Co., Inc., E. L.
Excelsior Machinery Co.
Kisco Boiler & Engineering Co.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.

PRESSURE AND REDUCING VALVES

See: Valves, Pressure and Reducing

PRESSURE CONTROLS

See: Controls and Regulators, Pressure

PRESSURE FILTERS

See: Filters, Pressure

PRESSURE GAUGES

See: Gauges, Pressure

PRESSURE RECORDERS

See: Recorders, Pressure

PRESSURE REGULATORS

See: Controls and Regulators, Pressure

PREVENTATIVE, RUST

See: Rust Preventatives

PREVENTATIVES, MILDEW

See: Mildew Preventatives

PRICE LISTS

National Tag & Label Corp.

PRINTED GUARDS

See: Trouser Guards, Printed

PRINTED STRING

See: String, Printed

PRINTED TAGS

See: Tags, Printed

PRINTED TAPE

See: Tape, Printed

PRINTING SCALES

See: Scales

PROPELLER FANS

See: Fans, Propeller

PROTECTORS, BOILER

Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
McDonnell & Miller, Inc.
Mexico Refractories Co.
National Boiler Protector Co.
Webster & Co., Warren

PROTECTORS, COLLAR

Masur Supply Co.
National Paper Band Co.
Para-Lux Products Co.
Patek & Co.
Phoenix Products Co.
Steele & Co., J. W.
Stoutman Paper Co.
Time Savers, Inc.

PROTECTORS, LAPEL

Gronauer Co., M. H.

PROTECTORS, SHIRT

Loroco Industries, Inc.
Para-Lux Products Co.

PUFFERS, STEAM

Bishop Co., G. H.
Chrisman Co., Inc., E. L.
Cissell Mfg., Co., W. M.
Excelsior Machinery Co.
Hopkins Equipment Co.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
White Machine Co., Inc.

PUFF-IRON COVERS

Baltimore Specialties Co.
Carson Textile Co., Inc.
Cissell Mfg. Co., W. M.
Excelsior Machinery Co.
Lewis National Corp.
Quality Products Co.
Southern Mills, Inc.
Stadham Co., Inc.

PUFF IRONS

American Laundry Machinery Co.
Bishop Co., G. H.
Chrisman Co., Inc., E. L.
Cissell Mfg. Co., W. M.
Columbia Laundry Machinery Co.
Excelsior Machinery Co.
Glover, Inc., Bill
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
White Machine Co., Inc.

PULLEYS

Link-Belt Co.
Menasha Wood Split Pulley Co.
Wood's Sons Co., T. B.

PULLEYS, RUG AND CARPET

See: Rug and Carpet Cleaning Equipment

PUMP CONTROLS

See: Controls and Regulators, Pump

PUMP GOVERNORS

See: Governors, Pump

PUMPS, BOILER FEED

Chicago Pump Co.
Dean Hill Pump Co.
Decatur Pump Co.
De Laval Steam Turbine Co.
Deming Co.
Dutton Co., C. H.
Gardner-Denver Co.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Johnson Corp.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
National Steam Pump Co.
Peabody Engineering Corp.
Peerless Pump Div., Food Machinery Corp.
Roth Co., Roy E.
Schaub Engineering Co., Inc., F. H.
Sterling, Inc.
Stout & Sons, David
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PUMPS, CHEMICAL

Blackmer Pump Co.
Chicago Pump Co.
Dean Hill Pump Co.
Devere Co.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Lubbock Machine Co., Inc.
Marlow Pumps
Peerless Pump Div., Food Machinery Corp.
U. S. Stoneware Co.
Viking Pump Co.
Wallace & Tiernan Products, Inc.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PUMPS, CIRCULATING

Bowser, Inc.
Butler Mfg. Co.
Carver Pump Co.
Chicago Pump Co.
Dean Hill Pump Co.
De Laval Steam Turbine Co.
Deming Co.
Devere Co.
Gardner-Denver Co.
Goulds Pumps, Inc
Ingersoll-Rand Co.
Marlow Pumps
Marsh Corp., Jas. P.
National Steam Pump Co.
Peerless Pump Div., Food Machinery Corp.
Sterling, Inc.
Taco Heaters, Inc.
Trane Co.
Viking Pump Co.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co

PUMPS, CONDENSATION RETURN

Chicago Pump Co.
Cochrane Corp.
Dean Hill Pump Co.
Decatur Pump Co.
De Laval Steam Turbine Co.
Deming Co.
Dutton Co., C. H.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Johnson Corp.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
Peerless Pump Div., Food Machinery Corp.
Schaub Engineering Co., Inc., Fred H.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Sterling, Inc.
Stout & Sons, David
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PUMPS, FEEDWATER

Carver Pump Co.
Chicago Pump Co.
Dean Hill Pump Co.
Defender Instrument & Regulator Co.
Dutton Co., C. H.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Kisco Boiler & Engineering Co.
Lattner Mfg. Co., P. M.
Peerless Pump Div., Food Machinery Corp.
Schaub Engineering Co., Inc., Fred H.
Sterling, Inc.
Stout & Sons, David
Trane Co.
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.

PUMPS, OIL

American Engineering Co.
Blackmer Pump Co.
Chicago Pump Co.
Dean Hill Pump Co.
Defender Instrument & Regulator Co.
De Laval Steam Turbine Co.
Devere Co.
Engineer Co.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Lubbock Machine Co., Inc.
Linkenheimer Co.
Marlow Pumps
National Airoil Burner Co., Inc.
Peerless Pump Div., Food Machinery Corp.
Petroleum Heat & Power Co.
Roots-Connersville Blower Corp.
Stewart-Warner Corp., Alemite Corp.
Viking Pump Co.
Waterous Co.
Worthington Pump & Machinery Corp.

PUMPS, SEWAGE

Chicago Pump Co.
Dean Hill Pump Co.
De Laval Steam Turbine Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Marlow Pumps
Peerless Pump Div., Food Machinery Corp.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PUMPS, SOLVENT

Blackmer Pump Co.
Bowser, Inc.
Butler Mfg. Co.
Chicago Pump Co.
Dean Hill Pump Co.
Devere Co.
Gardner-Denver Co.
Goulds Pumps, Inc.
Gross Machinery Co., Inc.
Ingersoll-Rand Co.
Lubbock Machine Co., Inc.
Marlow Pumps

For manufacturers' addresses see MANUFACTURERS list beginning page 284

U. S. Hoffman Machinery Corp.
Viking Pump Co.
Wallace & Tiernan Products, Inc.
Worthington Pump & Machinery Corp.

PUMPS, VACUUM

Bowser, Inc.
Butler Mfg. Co.
Chicago Pump Co.
De Laval Steam Turbine Co.
Gardner-Denver Co.
Gross Machinery Co., Inc.
Ingersoll-Rand Co.
Roots-Connersville Blower Corp.
Sterling, Inc.
U. S. Hoffman Machinery Corp.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co

PUMPS, VACUUM, STEAM HEATING

Bowser, Inc.
Chicago Pump Co.
Defender Instrument & Regulator Co.
National Steam Pump Co.
Roots-Connersville Blower Corp.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PUMPS, WATER SUPPLY

Carver Pump Co.
Chicago Pump Co.
Dean Hill Pump Co.
Decatur Pump Co.
De Laval Steam Turbine Co.
Deming Co.
Fairbanks Morse & Co.
Gardner-Denver Co.
Goulds Pumps, Inc.
Ingersoll-Rand Co.
Layne & Bowler, Inc.
Lubbock Machine Co., Inc.
National Steam Pump Co.
Peerless Pump Div., Food Machinery Corp.
Sterling, Inc.
Western Pump Co., Ltd.
Worthington Pump & Machinery Corp.
Yeomans Bros. Co.

PURIFIERS, EXHAUST STEAM

Cochrane Corp.
Wright-Austin Co.

PYROMETERS

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cambridge Instrument Co., Inc.
Foxboro Co.
General Electric Co.
Moeller Instrument Co., Inc.
Pyrometer Instrument Co., Inc.
Tagliabue Div., C. J., Portable Products Corp.

RACK DIVIDERS

See: Assembly Rack Dividers

RACKS, BUNDLE

Kentucky Box & Truck Co.
Lewis-Shepard Products, Inc.

RACKS, GARMENT

Chrisman Co., Inc., E. L.
Cissell Mfg. Co., W. M.
Cleaners Sales & Equipment Corp.
Cooper & Co., H. P.
Dahlberg Machinery Co.
Haertel Co., Walter
Ink-O Products Co.
Market Forge Co.
Nutting Truck & Caster Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Rindon Mfg. Co.
Smith Co., R. B.
Time Savers, Inc.
U. S. Hoffman Machinery Corp.
White Machine Co., Inc.

RACKS, HANGER

Commercial Tag Co.
Haertel Co., Walter
Perfection Products Co.
Time Savers, Inc.
White Machine Co., Inc.

RACKS, HAT

See: Hatters' Equipment

RACKS, REVOLVING

Bishop Co., G. H.
Rindon Mfg. Co.

RACKS, STORAGE

Berger Mfg. Div., Republic Steel Corp.
Carman & Co., Inc.
Haertel Co., Walter
Lewis-Shepard Products, Inc.
Morse Mfg. Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Steele & Co., J. W.
Time Savers, Inc.
White Machine Co., Inc.

RADIAL BEARINGS

See: Bearings, Radial

RAM STOKERS

See: Stokers

REBUILT MACHINERY

See: Machinery, Used and Rebuilt

RECEIVING SCALES

See: Scales

RECLAIMERS, HEAT

See: Heat Reclaimers

RECORD SYSTEMS

Egry Register Co.
Haertel Co., Walter
McRoe Co.
National Cash Register Co.
Recordak Corp.
Remington Rand Co.
Standard Register Co.
Todd Co., Inc.

RECORDERS, BOILER LEVEL

Bailey Meter Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Yarnall-Waring Co.

RECORDERS, COMBUSTION

Bailey Meter Co.
Cambridge Instrument Co., Inc.
Defender Instrument & Regulator Co.
Hagan Corp.
Hays Corp.
Permutit Co.
Republic Flow Meters Co.

RECORDERS, FLOW

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
Hagan Corp.
Hays Corp.
Infilco, Inc.
Republic Flow Meters Co.
Yarnall-Waring Co.

RECORDERS, LIQUID LEVEL

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
Hays Corp.
Infilco, Inc.
Mason-Neilan Regulator Co.
Tagliabue Div., C. J., Portable Products Corp.
Yarnall-Waring Co.

RECORDERS, PRESSURE

Ashton Valve Co.
Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
Hagan Corp.
Hays Corp.
Mason-Neilan Regulator Co.
Moeller Instrument Co., Inc.
Powers Regulator Co.
Tagliabue Div., C. J., Portable Products Corp.

RECORDERS, SMOKE

Bailey Meter Co.
Bristol Co.
Photoswitch, Inc.

RECORDERS, TEMPERATURE

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
Hays Corp.
Mason-Neilan Regulator Co.
Moeller Instrument Co., Inc.
Powers Regulator Co.
Pyrometer Instrument Co., Inc.
Republic Flow Meters Co.
Tagliabue Div., C. J., Portable Products Corp.
United States Gauge Div., American Machine and Metals, Inc.

RECORDERS, TIME

Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Foxboro Co.
General Electric Co.
Service Recorder Co.
Tagliabue Div., C. J., Portable Products Corp.

RECORDERS, TRUCK

Service Recorder Co.

RECORDERS, VACUUM

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Foxboro Co.
Mason-Neilan Regulator Co.
Moeller Instrument Co., Inc.

RECORDERS, WASHWHEEL

Foxboro Co.
Huebsch Mfg. Co.
Moeller Instrument Co., Inc.
Tagliabue Div., C. J., Portable Products Corp.

RECORDING GAUGES

See: Gauges, Recording

RECORDING THERMOMETERS

See: Thermometers, Recording

RECOVERY UNITS, SOLVENT

See: Solvent Recovery Units

RED OIL, TURKEY

See: Turkey Red Oil

REDUCERS, SPEED

Boston Gear Works, Inc.
Link-Belt Co.

REDUCING AND REGULATING VALVES

See: Valves, Reducing and Regulating

REELS, HOSE

Wayne Pump Co.

REELS, SORTING

See: Sorting Reels

REFLECTORS

Industrial Products Co.

REFRACTORY CEMENT

See: Cement, Refractory

REFRACTORY MATERIALS

Green Fire Brick Co., A. P.
Johns-Manville
McLeod & Henry Co., Inc.
Mexico Refractories Co.
Pittsburgh Jointless Firebrick Co.
Quigley Co., Inc.
Ramtite Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

REFRIGERATION, MECHANICAL

Brunner Mfg. Co.
Carrier Corp.
Frigidaire Div., General Motors Corp.
General Electric Co., Air Conditioning Dept.
Haertel Co., Walter
Kelvinator Div., Nash-Kelvinator Corp.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Trane Co.

REGENERATORS, SOLVENT

See: Solvent Regenerators

REGISTERS, AUTOGRAPHIC

Autographic Register Co.
Egry Register Co.
Hub Printing Services
Moore Business Forms, Inc.
Ohmer Register Co.
Standard Register Co.

REGISTERS, CASH AND CONTROL

Allen Business Machines, Inc., R. C.
Egry Register Co.
Moore Business Forms, Inc.
National Cash Register Co.
Ohmer Register Co.
Standard Register Co.

REGULATORS

See: Controls and Regulators (under specific headings)

RELAYS, MAGNETIC

Cutler-Hammer, Inc.
General Electric Co.
Sterling, Inc.
Tork Clock Co., Inc.
Weston Electrical Instrument Corp.

RELAYS, MERCURY

General Electric Co.

RELIEF VALVES

See: Valves, Relief

REMOVERS, PAINT

See: Paint Removers

REMOVERS, RUST

See: Rust Removers

REMOVERS, STAIN

See: Stain Removers

REPAIR MATERIALS, FLOOR

See: Floor Sealing and Repair Materials

REPELLENTS, MOTH

See: Mothproofing Agents

REPELLENTS, WATER

See: Water Repellents

REPLACEMENTS, COLLAR, CUFF AND NECK BAND

Bussard & Son, R. D.
Durslaun Corp.
Hygrade Button & Supply Co.
Smith Co., Inc., Gilman B.
Zuckerberg Co.

REPLACEMENTS, POCKET

Bussard & Son, R. D.
Patek & Co.
Smith Co., Inc., Gilman B.

REPLACEMENTS, SHEETS, PILLOWCASES, ETC.

American Associated Companies
Durslaun Corp.
Rosi-Stabin, Inc.

RESEATERS, VALVE

See: Valve Reseaters

RESURFACING MATERIALS, FLOOR

See: Floor Resurfacing Materials

RESURFACING MATERIALS, ROOF

See: Roof Resurfacing Materials

RETURN SYSTEMS, BOILER

See: Boiler Return Systems

RETURN SYSTEMS, EXTRACTED SOLVENT

Pellerin Milnor Corp.

RETURN SYSTEMS, STEAM CONDENSATE

Acker Organization, Inc., W. M.
Chicago Pump Co.
Cissell Mfg. Co., Inc., W. M.
Cochrane Corp.
Dutton Co., C. H.
Glover, Inc., Bill
Hammond Laundry-Cleaning Machinery Co.
Johnson Corp.
Morehead Mfg. Co.
Schaub Engineering Co., Inc., F. H.
Sterling Engineering and Mfg. Corp., Templeton Mfg. Co.
U. S. Hoffman Machinery Corp.

RETURN TRAPS

See: Traps, Return

REVOLVING RACKS

See: Racks, Revolving

REVOLVING JOINTS

See: Joints, Revolving and Swing

REVOLVING SHIRT HANGERS

See: Hangers, Revolving Shirt

REWEAVING

A. A. Weaving Service
Adams Weaving Co.
Amber Weaving Service
American Textile Weaving Co.
Berger Damage Reweaving Co.
French Textile Co.
Globe Weaving Co.
Hinz Needle Co.
Magic Re-Weaving Service
Magic Textile Weavers
Mohl, Hedda
National Repair Services
Stadler Textile Weavers, Inc.
Thrifty Weavers

BURNS, TEARS, HOLES, REWOVEN PERFECTLY
Wholesale Prices — Quick Service — Guaranteed Workmanship. Free estimates upon request.
THRIFTY WEAVERS, 310 St. Claire Street
Toledo 4, Ohio

Weave-Bac
Weave Masters, Inc.
Wizard Weavers, Inc.
Wonder Weavers

REWEAVING EQUIPMENT

Amber Weaving Service
Fabricon Co.
Weave-Bac

RIBBON, CELLOPHANE

See: Cellophane Products

RIBBONS, FEED

American Associated Companies
Boswell Mfg. Co.
Carman & Co., Inc.
Curry Co., J. W.
Egan Cotton Mills
Glover Co., L. H., Div. of U. S. Rubber Co.
Hettrick Mfg. Co.
Hope Webbing Co.
Patek & Co.
Pittsburgh Waterproof Co.
Southern Mills, Inc.
Tingue, Brown & Co.

RICE STARCH

See: Starch, Rice

ROLL COVERS

Callaway Mills, Inc.
Carman & Co., Inc.
Carson Textile Co., Inc.
Goodrich Co., Inc., B. F.
Pittsburgh Waterproof Co.
Revolite Div., Atlas Powder Co.
Tingue, Brown & Co.
U. S. Rubber Co.

ROLLER BEARINGS

See: Bearings, Roller

ROLLER BEARINGS, JOURNAL

See: Bearings, Journal Roller

ROLLS, RUBBER COVERED

Goodrich Co., B. F.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.

ROOFING, CHANNEL, METAL

Berger Mfg. Div., Republic Steel Corp.
Carli Sons, Chas. W.
Revere Copper & Brass, Inc.

ROOFING MATERIALS

Barrett Div., Allied Chemical & Dye Corp.
Carey Mfg. Co., Philip
Carli Sons, Chas. W.
Chase Brass & Copper Co.
Horn Co., Inc., A. C.
Johns-Manville
Midland Paint & Varnish Co.
Revere Copper & Brass, Inc.
Rubber City Mfg. Co.
Ruberoid Co.
Sonneborn Sons, Inc., L.
Steelcote Mfg. Co.

ROOFING, METAL

Berger Mfg. Div., Republic Steel Corp.
Butler Mfg. Co.
Carli Sons, Chas. W.
International Nickel Co., Inc.
Revere Copper & Brass, Inc.

ROOF RESURFACING MATERIALS

Barrett Div., Allied Chemical & Dye Corp.
Carey Mfg. Co., Philip
Horn Co., Inc., A. C.
Johns-Manville
Midland Paint & Varnish Co.
Phoenix Oil Co.
Ruberoid Co.
Sonneborn Sons, Inc., L.
Steelcote Mfg. Co.
Tropical Paint & Oil Co.

ROOF VENTILATORS

See: Ventilators

ROOMS, DRY

See: Dry Rooms

ROOMS, MARKING

See: Marking Rooms

ROTARY BEATERS

See: Beaters, Carpet and Rug

ROTARY BRUSHES, FUR CLEANING

American Pressboard Co.
Atlanta Brush Co.
Haertel Co., Walter
Pennington Co., C. W.

ROTARY BRUSHES, RUG CLEANING

American Laundry Machinery Co.
Certified Equipment Co.
Cleveland Rug Cleaning Machinery Co.
Lincoln Schlueter Floor Machinery Co., Inc.
Multi-Clean Products, Inc.
Pennington Co., C. W.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

ROTARY BRUSH REFILLS

Pennington, C. W.

RUG BRUSHES—REFILLED
NYLON—BASSINE—UNION MIXTURE
Refilling of all type brushes. Send for our free 6-page illustrated pamphlet of Brushes for the Rug and Upholstery Cleaners.
C. W. PENNINGTON, Box A, Gillette, N. J.
Tel: Millington 7-0166

ROTARY CONVERTERS

See: Converters, Rotary

ROTARY PUMPS

See: Pumps (under specific headings)

RUBBER BELTING

See: Belting, Rubber

RUBBER BOOTS

See: Boots, Rubber

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

RUBBER CEMENT
See: Cement, Rubber

RUBBER GOODS, MOLDED
Garlock Packing Co.
Gates Rubber Co.
U. S. Rubber Co.
Walsh Packing Co.

RUBBER HOSE
See: Hose, Rubber

RUBBER MARKERS
See: Markers, Rubber

RUBBER NETS
See: Nets, Laundry

RUBBER PADDING
See: Pads and Padding, Press and Ironer

RUBBER PAILS
See: Buckets and Pails, Acid-Resisting

RUBBER STAMPS
See: Stamps, Rubber

RUBBER-TIRED WHEELS
See: Wheels and Casters, Truck, etc.

RUBBER WASHROOM CLOTHING
See: Washroom Clothing

RUFFLE IRONERS
See: Ironers, Ruffle

RUG AND CARPET BINDING
See: Binding, Rug and Carpet

RUG AND CARPET CLEANING EQUIPMENT
American Laundry Machinery Co.
Bertsch & Co., Inc.
Certified Equipment Co.
Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.
Continental Car-Na-Var Corp.
Hild Floor Machine Co.
Holt Mfg. Co.
Lincoln-Schluetter Floor Machinery Co., Inc.
Mar-Mak Machinery Mfg. Co.
Miller Co., A. G.
Moores' Time Saving Equipment Co.
Multi-Clean Products, Inc.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

RUG AND CARPET DRIERS
See: Driers, Rug and Carpet

RUG AND CARPET DUSTERS
See: Dusters, Rug and Carpet

RUG AND CARPET SCRUBBING MACHINES
See: Scrubbing Machines, Rug and Carpet

RUG AND CARPET SIZING EQUIPMENT
See: Rug and Carpet Cleaning Equipment

RUG AND CARPET SIZINGS
See: Sizings, Rug

RUG AND CARPET SOAPS
See: Soaps, Rug and Carpet

RUG AND CARPET STRETCHERS
See: Stretchers, Rug and Carpet

RUG AND CARPET WRINGERS
See: Wringers, Rug and Carpet

RUG BEATERS
See: Beaters, Carpet and Rug

RUG CLEANING AND FINISHING COMPOUNDS
Adco, Inc.
Alrose Chemical Co.
Armour & Co.
Bigelow-Sanford Carpet Co.
Caled Products Co., Inc.
Calgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Certified Equipment Co.
Clinton Foods Inc.
Continental Car-Na-Var Corp.
Crossland Mfg. Co., Inc.
Davies-Young Soap Co.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Gloss'n Products Co., Inc.
Hild Floor Machine Co.
Holt Mfg. Co.
Huntington Laboratories, Inc.
Jay-Dee, Inc., Mfg. Chemists
Lewis National Corp.
Mathiesen Chemical Corp.
Merson Products Co.
Multi-Clean Products, Inc.
Oakite Products Co.
Patek & Co.
Philadelphia Quartz Co.
Phoenix Oil Co.
Procter & Gamble Distributing Co.
Riverside Mfg. Co.
Standard Soap Co. of Camden
Turco Products, Inc.
Wyandotte Chemicals Corp.

RUG DRYING CONVEYORS
See: Conveyors, Rug Drying

RUG DYEING
See: Dyeing, Rug and Carpet

RUG TUMBLERS
See: Tumblers, Rug Cleaning

RUG WASHERS
See: Washers, Rug

RUST PREVENTATIVES
Acme Industrial Compound Corp.
American K. A. T. Corp.
Barrett Div., Allied Chemical & Dye Corp.
Calgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Cook's Sons, Inc., Adam
Delray Industries, Inc.
Gulf Oil Corp., Gulf Refining Co.
Houghton & Co., E. F.
Kelite Products, Inc.
Keystone Lubricating Co.
Kohnstamm & Co., Inc., H.
Magnus Chemical Co., Inc.
Midland Paint & Varnish Co.
Oakite Products, Inc.
Pennsylvania Salt Mfg. Co.
Philadelphia Quartz Co.
Phoenix Oil Co.
Quigley Co., Inc.
Sonneborn Sons, Inc., L.
Standard Oil Co.
Stewart-Warner Corp., Alemite Corp.
Subox, Inc.
Superior Products Co.
Turco Products, Inc.
Union Oil Co. of California
Watson-Standard Co.
Wilbur & Williams Co.

RUST REMOVERS
American K. A. T. Corp.
Crescent Chemical Div., Hood Chemical Co., Inc.
Delray Industries, Inc.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.
Hachik Bleach Co.
Houghton & Co., E. F.
Johnson Chemical Industries, Inc.
Kem Laboratories
Kelite Products Co.
Keystone Aniline & Chemical Co., Inc.
Keystone Lubricating Co.
Kohnstamm & Co., Inc., H.
Midland Paint & Varnish Co.
National Cleaners Chemical Mfg. Co.
Oakite Products Co.
Pennsylvania Salt Mfg. Co.
Patek & Co.
Turco Products, Inc.
Wilson Chemical Co., A. L.

SAFETY EQUIPMENT
Davis Emergency Equipment Co., Inc.
General Detroit Corp.
General Pacific Corp.
Goodrich Co., B. F.
Industrial Products Co.
Mine Safety Appliances Co.
Photoswitch, Inc.
Resistoflex Corp.
U. S. Rubber Co.

SAFETY GUARDS
Industrial Products Co.

SAFETY PINS
See: Pins, Safety

SAFETY AND RELIEF VALVES
See: Valves, Safety, or Valves, Relief

SAFETY SWITCHES
See: Switches, Safety, Electric

SALES BOOKS
Hub Printing Services
International Tag & Salesbook Co.
Moore Business Forms, Inc.
Rosenthal Paper Co.
United Autographic Register Co.
Wormstead, Smith & Loomis, Inc.

SALES CONTROL SYSTEMS
Allen Business Machines, Inc., R. C.
Egry Register Co.
Hub Printing Services
Moore Business Forms, Inc.
National Cash Register Co.
Standard Register Co.
United Autographic Register Co.

SALES PROMOTION MATERIAL
Allied Printing & Stationery Co., Inc.
Crewdson Co.
Foster-Stephens, Inc.
Meyercord Co.
Nashua Gummed & Coated Paper Co.

SALES RECORDING REGISTERS
Allen Business Machines, Inc., R. C.
Egry Register Co.
Moore Business Forms, Inc.
National Cash Register Co.
Standard Register Co.
United Autographic Register Co.

SALT
Carey Salt Co.
DuPont de Nemours & Co., Inc., E. I.
International Salt Co.
Jefferson Island Salt Co., Inc.
Pennsylvania Salt Mfg. Co.
Riverside Chemical Co.
Worcester Salt Co.

SALT TABLETS AND DISPENSERS
Carey Salt Co.
Industrial Products Co.
International Salt Co.
Mine Safety Appliances Co.
Worcester Salt Co.

SAWDUST, FUR CLEANING
See: Fur Cleaning Supplies

SCALES
Chatillon & Sons, John
Detecto Scales, Inc.
Fairbanks Morse & Co.
Howe Scale Co.
Toledo Scale Co.
Triner Scale & Mfg. Co.

SCHOOLS, LAUNDRY AND DRYCLEANING
American Institute of Laundering
Hubbard Dryeleaning & Redyeing School
National Institute of Cleaning and Dyeing
Ohio Mechanics Institute

SCRUBBING MACHINES, FLOOR
See: Floor Cleaning, Scrubbing and Polishing Machines

SCRUBBING MACHINES, RUG AND CARPET
Certified Equipment Co.
Cleveland Rug Cleaning Machinery Co.
Continental Car-Na-Var Corp.
Hild Floor Machine Co.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Scrubbing Machines, Rug and Carpet
(Continued)
Holt Mfg. Co.
Multi-Clean Products, Inc.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

SCRUB TUBS
See: Tubs, Scrub

SEALING MACHINES
Better Packages, Inc.
Ideal Stencil Machine Co.
Nashua Package Sealing Co., Inc.
Time Savers, Inc.

SEALING MATERIALS, FLOOR
See: Floor Sealing and Repair Materials

SEALS
See: Labels and Seals

SEAM AND COLLAR DAMPENERS
See: Dampeners, Collar and Seam

SEAMLESS TUBING
See: Tubing, Seamless, Flexible Metal, or Tubing, Seamless Steel

SECOND-HAND MACHINERY
See: Machinery, Used and Rebuilt

SEPARATORS, AIR
See: Air Separators

SEPARATORS, OIL AND STEAM
American District Steam Co.
Crane & Co.
Dean Industrial Corp.
Glover, Inc., Bill
Johnson Corp.
Marshall Hester Co.
Wright-Austin Co.

SESQUISILICATE (SODIUM)
See: Sodium Sesquisilicate

SETTINGS, BOILER
See: Boiler Settings

SEWAGE EJECTORS
See: Ejectors, Sewage

SEWAGE PUMPS
See: Pumps, Sewage

SEWING MACHINES
Chandler Machine Co.
Singer Sewing Machine Co.
Singer Textile Machinery Corp.

SEWING MACHINES, BLIND-STITCH
Chandler Machine Co.
Columbia Sewing Machine Corp.
Lewis Invisible Stitch Machine Co.
U. S. Blind Stitch Machine Co.

SEWING MACHINES, BUTTON
Chandler Machine Co.
Mutant Button & Supply Co.
Singer Sewing Machine Co.

SEWING MACHINES, FUR
Bonis Bros. Fur Machinery Corp.
Chandler Machine Co.
Singer Sewing Machine Co.

SEWING MACHINES, MARKING TAG
Chandler Machine Co.
Singer Sewing Machine Co.

SHAFT COUPLINGS
See: Couplings, Shafts

SHAKE-OUT TUMBLERS
See: Tumblers, Shake-out

SHAKERS, FLATWORK
See: Flatwork Shakers

SHAKING GRATES
See: Grates, Shaking and Stationary

SHAPER-DRIER, GARMENT
Chandler Machine Co.
Tri-Pak Machinery Service, Inc.
U. S. Hoffman Machinery Corp.

SHAPERS, COLLAR
Huebsch Mfg. Co.
Reel Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

SHAPERS, SLEEVE
See: Sleeve Shapers

SHEAVES, BELTING
Eagle Belting & Leather Co.

SHEAVES, "V" BELTING
Worthington Pump & Machinery Corp.

SHEET REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

SHEETS, CELLOPHANE
See: Cellophane Products

SHELVING, METAL
Berger Mfg. Div., Republic Steel Corp.

SHIELDS, HANGER
See: Hanger Shields and Guards

SHIPPING CASES
See: Cases, Shipping

SHIRT BAGS, DRESS
See: Bags, Dress Shirt

SHIRT BANDS
See: Bands, Paper

SHIRT BASKETS
See: Baskets, Shirt

SHIRT BOARDS
Academy Paper Box Co.
Andrew Paper Box & Bag Corp.
Bond Street Bag & Paper Corp.
Gimbater Co., M. H.
Hummel & Downing Co.
Laundry Packaging Corp.
Lonoco Industries, Inc.
Para-Lux Products Co.
Phoenix Products Co.
Spear Box Co., Inc.
Steinman Paper Co.
Time Savers, Inc.
West Side Bag & Paper Co., Inc.
Wormstead, Smith & Loomis, Inc.

SHIRT CARRIAGE
Bishop Co., G. H.
Time Savers, Inc.

SHIRT CONVEYORS
See: Conveyors, Shirt

SHIRT ENVELOPES, CARDBOARD
See: Envelopes, Shirt

SHIRT ENVELOPES, CELLOPHANE
See: Envelopes, Shirt

SHIRT ENVELOPES, GLASSINE
See: Envelopes, Shirt

SHIRT ENVELOPES, PAPER
See: Envelopes, Shirt

SHIRT FINISHERS
American Laundry Machinery Co.
Bishop Co., G. H.
Forse Corp.
Key-Tag Checking System Co.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Steele & Co., J. W.
Super Laundry Machinery Co.
Time Savers, Inc.
West Coast Laundry Machinery Co.
Western Laundry Press Co.

SHIRT FINISHING AND FOLDING MACHINE
American Laundry Machinery Co.
Bishop Co., G. H.
Forse Corp.
Key-Tag Checking System Co.
Prosperity Co., Inc.
Steele & Co., J. W.
Time Savers, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

SHIRT FOLDING BOARDS
American Laundry Machinery Co.
Forse Corp.
Key-Tag Checking System Co.
Pantex Mfg. Corp.
Steele & Co., J. W.
Steinman Paper Co.
Time Savers, Inc.

SHIRT FOLDING CLIPS
Steele & Co., J. W.
Time Savers, Inc.

SHIRT HANGERS, REVOLVING
See: Hangers, Revolving Shirt

SHIRT PRESSES
See: Presses, Shirt

SHIRT PROTECTORS
See: Protectors, Shirt

SHIRT REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

SHIRT STARCHING-EXTRACTING MACHINES
See: Starching and Extracting Machines

SHIRT UNITS
American Laundry Machinery Co.
Bishop Co., G. H.
Forse Corp.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
Unipress Co.
U. S. Hoffman Machinery Corp.

HOFFMAN
SHIRT LAUNDRY UNIT for
3-Girl Operation
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Western Laundry Press Co.

SHIRT WRAPPERS
See: Wrappers, Shirt

SHOCK ABSORBERS, PRESS
MB Mfg. Co.
Western Laundry Press Co.

SHOULDER CLAMPS
See: Clamps, Shoulder

SHOULDER SHIELDS
Hodge, Farwell & Co.
Lonoco Industries, Inc.

SIGNAL ALARMS
See: Alarms, Signal

SIGNALS, TIME
See: Time Signals

SIGNALS, TUMBLER
See: Tumbler Signals

SIGNS, NEON
House of Plastics, Div., Neon Sign Co., Inc.
Wagner Sign Service, Inc.

SILICATES
See: Sodium Silicate

SILK BLEACH
See: Bleach

SILK PRESSES
See: Presses, Silk

SILK SOAPS
See: Soaps, Silks and Woolens

SIZING EQUIPMENT, RUG AND CARPET
See: Rug and Carpet Cleaning Equipment

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

SIZING, HAT, FELT AND PANAMA

See: Hatters' Supplies

SIZING MACHINES, RUG AND CARPET

See: Rug and Carpet Cleaning Equipment

SIZINGS

Allen & Vickers, Inc.
Apex Chemical Co., Inc.
Aqua-Sol
Caled Products Co., Inc.
Calgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Davies-Young Soap Co.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.
Huron Milling Co.
Keever Starch Co.
Keystone Aniline & Chemical Co., Inc.
National Starch Products, Inc.
Package Chemical Co., Inc.
Patek & Co.
Riverside Mfg. Co.
Smith Co., Laurence C.

REVITEX
A durable revitalizing agent—safe to all wet-cleaned fabrics. Imparts new life and lustre to wetcleaned garments in a matter of seconds. Substantially reduces pressing and steaming time.
Laurence C. Smith Co.
2037 Valley Drive, Syracuse 7, N. Y.

Spix Products Co.
Street & Co., Inc., R. R.
Takamine Laboratory, Inc.
Wolf & Co., Jacques

SIZINGS, RUG

Apex Chemical Co., Inc.
Caled Products Co., Inc.
Clinton Foods, Inc.
Gloss'n Products Co., Inc.
Huron Milling Co.
Keever Starch Co.
Merson Products Co.
National Starch Products, Inc.
Pansley Products, Inc.
Patek & Co.
United Vacuum Appliance Corp.

SKIDS AND SKID JACKS

Hamilton Caster & Mfg. Co.
Lewis-Shepard Products, Inc.
Market Forge Co.
Nutting Truck & Caster Co.

SKIRT HANGER CLIPS

See: Hanger Clips

SLEEVE BOARDS

Amber Mfg. Co.

SLEEVE FINISHERS

American Laundry Machinery Co.
Chrisman Co., Inc., F. L.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Leaf Brothers, Inc.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
Prosperity Co., Inc.
Western Laundry Press Co.

SLEEVE FORMS

American Laundry Machinery Co.
Glover, Inc., Bill
Huebsch Mfg. Co.
Ink-O Products Co.
Leaf Bros., Inc.
Newhouse Co.
Pantex Mfg. Corp.
Panin Products Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Wichita Precision Tool Co., Inc.

SLEEVE IRONERS

See: Ironers, Sleeve

SLEEVE SHAPERS

American Laundry Machinery Co.
Davis Specialties
Glover, Inc., Bill
Huebsch Mfg. Co.
Ink-O Products Co.

SLICK RACK CONVEYORS

See: Conveyors, Speed Rail

SLIDE FASTENERS

See: Fasteners, Slide

SMOKE RECORDERS

See: Recorders, Smoke

SMOOTHER, COLLAR

See: Collar Smoother

SOAP AND STARCH WHIPS

Manitowoc Cotton Goods Mfg. Co.

SOAP BUILDERS

See: Builders, Soap

SOAP DISPENSERS

See: Dispensers, Soap

SOAP DISPENSERS, DRY-CLEANING

See: Dispensers, Soap, Drycleaning

SOAPLESS SOAP

See: Synthetic Detergents

SOAP REGENERATORS

See: Solvent, Lime Soap, or Water Conditioners, Chemical

SOAP TANKS

See: Tanks, Soap

SOAPS, DRYCLEANING

Adco, Inc.
Adell Chemical Co., Inc.
Allen & Vickers, Inc.
Alrose Chemical Co.
Armour & Co.
Caled Products Co., Inc.
Carman & Co., Inc.
Cidex Corp.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Delray Industries, Inc.
Dixo Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
G & G Chemical Co.
Hardin Co., Inc., J. L.
Huntington Laboratories, Inc.
Kasco Co.
Keystone Aniline & Chemical Co., Inc.
Krevit & Co., Inc., H.
Merson Products Co.
Midland Color & Chemical Co.

SOAP DRY CLEANING WET CLEANING RUG CLEANING
Midland Color & Chemical Co.
15 Greene St., Jersey City 2, N. J.

Murphy Sales Co.
National Cleaners Chemical Mfg. Co.
North Coast Chemical & Soap Works
Northeastern Soap & Chemical Co.
Nu-Pro Mfg. Co.
Package Chemical Co., Inc.

MOCO products
For The Drycleaner
Package Chemical Company, Inc.
218 W. First St., Boston 27, Mass.

Patek & Co.
Pennsylvania Salt Mfg. Co.
Rayochem Products Co.
Riverside Mfg. Co.
Spix Products Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Staff Soap & Chemical Co.
Street & Co., Inc., R. R.
Takamine Laboratory, Inc.
Tino Chemical Div. of Tri-State Equipment Co.
Tru-Sheen Corp.
Windsor Chemical Co.
Wolke Co., A. F.

SOAPS, GLOVE

Adell Chemical Co., Inc.
Allen & Vickers, Inc.
Caled Products Co., Inc.
Davies-Young Soap Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Merson Products Co.
Patek & Co.
Spix Products Co.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.

SOAPS, LAUNDRY

Armour & Co.
Beach Soap Co.
Carlton Chemical Co., Inc.
Carman & Co., Inc.
Colgate-Palmolive-Peet Co.
Cowles Chemical Co.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
Fry Bros. Co.
Huntington Laboratories, Inc.
Iowa Soap Co.
Kamen Soap Products Co., Inc.
Kelite Products, Inc.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Laundry Chemicals Co.
Lewis National Corp.
Magnus Chemical Co., Inc.
Minnesota Chemical Co.
National Milling & Chemical Co.
North Coast Chemical and Soap Works
Pennsylvania Salt Mfg. Co.
Procter & Gamble Distributing Co.
Riverside Chemical Co.
Rome Soap Mfg. Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Stanley Co., Inc., John T.
Sterling Supply Corp.
Swift & Co.
Texas Soap Mfg. Corp.
Thompson-Hayward Chemical Co.
Turco Products, Inc.
Werk Co., M.
Wolke Co., A. F.
Wyandotte Chemicals Corp.

SOAPS, LEATHER CLEANING

Adell Chemical Co., Inc.
Caled Products Co., Inc.
Davies-Young Soap Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Kirk's Leather Cleaners
Patek & Co.
Phoenix Oil Co.
Spix Products Co.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Wolke Co., A. F.

SOAPS, OIL

Armour & Co.
Davies-Young Soap Co.
Drew & Co., Inc., E. F.
Huntington Laboratories, Inc.
International Metal Polish Co.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Laundry Chemicals Co.
North Coast Chemical and Soap Works
Patek & Co.
Phoenix Oil Co.
Riverside Chemical Co.
Standard Soap Co. of Camden
Swift & Co.
Texas Soap Mfg. Corp.
Wolke Co., A. F.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

SOAPS, RUG AND CARPET

Adco, Inc.
Adell Chemical Co., Inc.
Allen & Vickers, Inc.
Alrose Chemical Co.
Armour & Co.
Bigelow Sanford Carpet Co.
Caled Products Co., Inc.
Carman & Co., Inc.
Certified Equipment Co.
Colgate-Palmolive-Peet Co.
Continental Car-Na-Var Corp.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Drew & Co., Inc., E. F.
Fumol Corp.
G & G Chemical Co.
Hild Floor Machine Co.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Magnus Chemical Co., Inc.
Merson Products Co.
Multi-Clean Products, Inc.
North Coast Chemical & Soap Works
Patek & Co.
Phoenix Oil Co.
Procter & Gamble Distributing Co.
Riverside Mfg. Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Swift & Co.
Texas Soap Mfg. Corp.
Thompson-Hayward Chemical Co.
Van Chemical Co.
Werk Co., M.
Wolke Co., A. F.
Wyandotte Chemicals Corp.

SOAPS, SILKS AND WOOLENS

Adco, Inc.
Adell Chemical Co., Inc.
Allen & Vickers, Inc.
Armour & Co.
Caled Products Co., Inc.
Colgate-Palmolive-Peet Co.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Drew & Co., Inc., E. F.
Huntington Laboratories, Inc.
Iowa Soap Co.
Kamen Soap Products Co., Inc.
Ken Laboratories
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Merson Products Co.
National Cleaners Chemical Mfg. Co.
National Milling & Chemical Co.
North Coast Chemical and Soap Works
Patek & Co.
Phoenix Oil Co.
Procter & Gamble Distributing Co.
Riverside Mfg. Co.
Spix Products Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Swift & Co.
Takamine Laboratory, Inc.
Van Chemical Co.
Werk Co., M.
Wolke Co., A. F.
Wyandotte Chemicals Corp.

SOAPS, SUEDE

Adell Chemical Co., Inc.
Caled Products Co., Inc.
Davies-Young Soap Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Kirk's Leather Cleaners
National Cleaners Chemical Mfg. Co.
Patek & Co.
Phoenix Oil Co.
Spix Products Co.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Swift & Co.

SOAPS, TOILET

Armour & Co.
Colgate-Palmolive-Peet Co.
Davies-Young Soap Co.
Huntington Laboratories, Inc.
Iowa Soap Co.
Kamen Soap Products Co., Inc.
Procter & Gamble Distributing Co.
Riverside Chemical Co.
Standard Soap Co. of Camden
Steiner Sales Co.
Swift & Co.
Texas Soap Mfg. Corp.
Van Chemical Co.

SOAPS, UPHOLSTERY SHAMPOOING

See: Upholstery Shampooing Soaps

SOAPS, WETCLEANING

Adco, Inc.
Adell Chemical Co., Inc.
Allen & Vickers, Inc.
Alrose Chemical Co.
Armour & Co.
Aurora Mfg. Co.
Caled Products Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Colgate-Palmolive-Peet Co.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Delray Industries, Inc.
Diso Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
G & G Chemical Co.
Hardin Co., Inc., J. L.
Huntington Laboratories, Inc.
Kamen Soap Products Co., Inc.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Laundry Chemicals Co.
Lewis National Corp.
Magnus Chemical Co., Inc.
Merson Products Co.
National Cleaners Chemical Mfg. Co.
North Coast Chemical and Soap Works
Northeastern Soap & Chemical Co.
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Phoenix Oil Co.
Procter & Gamble Distributing Co.
Ravochem Products Co.
Riverside Mfg. Co.
Spix Products Co.
Stadham Co., Inc.
Standard Soap Co. of Camden
Starr Soap & Chemical Co.
Street & Co., Inc., R. R.
Swift & Co.
Takamine Laboratory, Inc.
Thompson-Hayward Chemical Co.
Trico Chemical Div. of Tri-State Equipment Co.
Van Chemical Co.
Werk Co., M.
Wilson Chemical Co., A. L.
Wolke Co., A. F.
Wyandotte Chemicals Corp.

SOCK DRIERS

See: Driers, Hosiery and Sock

SOCK ENVELOPES

See: Envelopes, Handkerchief, Sock, etc.

SOCK FORMS

See: Hosiery and Sock Forms

SOCK PINS

See: Pins

SOCK TURNER

Time Savers, Inc.

SODA ASH (SODIUM CARBONATE)

Diamond Alkali Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Hood Chemical Co.
Mathieson Chemical Corp.
North Coast Chemical and Soap Works
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co.
Sergeant Pulp & Chemical Co., Inc., E. M.
Solvay Sales Div., Allied Chemical & Dye Corp.
Theobald Industries
Westvaco Chemical Div., Food Machinery & Chemical Corp.

SODA, CAUSTIC

See: Caustic Soda (Sodium Hydroxide)

SODA, MODIFIED

Carman & Co., Inc.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Mathieson Chemical Corp.
North Coast Chemical and Soap Works
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Riverside Chemical Co.
Solvay Sales Div., Allied Chemical & Dye Corp.
Swift & Co.
Theobald Industries
Wyandotte Chemicals Corp.

SODIUM ACID FLUORIDE

See: Sours

SODIUM BICARBONATE

See: Soda, Modified

SODIUM CARBONATE

See: Soda Ash (Sodium Carbonate)

SODIUM CHLORIDE

See: Salt

SODIUM HYDROXIDE

See: Caustic Soda (Sodium Hydroxide)

SODIUM HYPOCHLORITE

See: Bleach

SODIUM METAPHOSPHATE

Calgon, Inc.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Theobald Industries

SODIUM METASILICATE

Cowles Chemical Co.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Innis, Speiden & Co.
North Coast Chemical & Soap Works
Philadelphia Quartz Co.
Riverside Chemical Co.
Theobald Industries
Wyandotte Chemicals Corp.

SODIUM ORTHOSILICATE

Cowles Chemical Co.
Diamond Alkali Co.
Dow Chemical Co.
Drew & Co., Inc., E. F.
Innis, Speiden & Co.
North Coast Chemical & Soap Works
Pennsylvania Salt Mfg. Co.
Riverside Chemical Co.
Theobald Industries
Wyandotte Chemicals Corp.

SODIUM PERBORATE

See: Bleach

SODIUM SESQUISILICATE

Cowles Chemical Co.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Innis, Speiden & Co.
North Coast Chemical & Soap Works
Philadelphia Quartz Co.
Riverside Chemical Co.
Theobald Industries

SODIUM SILICATE

Diamond Alkali Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Mallinckrodt Chemical Works
North Coast Chemical and Soap Works
Philadelphia Quartz Co.
Riverside Chemical Co.
Theobald Industries

SODIUM SILICO FLUORIDE

See: Sours

SODIUM TETRAPHOSPHATE

Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
North Coast Chemical & Soap Works
Riverside Chemical Co.
Rumford Div., Heyden Chemical Corp.
Stedford Chemical Co.
Theobald Industries

SODIUM TETRA (PYRO PHOSPHATE)

Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Mass Chemical Co., A. B.
North Coast Chemical & Soap Works
Riverside Chemical Co.
Theobald Industries
Victor Chemical Works
Westvaco Chemical Div., Food Machinery & Chemical Corp.

SOFTENERS, WATER

See: Water Softeners

SOLUBLE PINE OIL

See: Pine Oil, Soluble

SOLVENT, BOILER SCALE

See: Boiler Scale Solvent

SOLVENT, CHLORINATED (SYNTHETIC)

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Diamond Alkali Co.
Dow Chemical Co.
DuPont de Nemours & Co., Inc., E. I.
Hooker Electro-Chemicals, Inc.
Pittsburgh Plate Glass Co., Columbia Chemical Div.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Stauffer Chemical Co.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

SOLVENT CLARIFIERS

See: Filters, Stills, Filter Powder, and Sweeteners, Solvents

SOLVENT, DEGREASING

See: Degreasing Solvent

SOLVENT FILTERS

See: Filters, Solvent

SOLVENT, FUR CLEANING

See: Fur Cleaning Solvent

SOLVENT, LIME SOAP

Acme Soap Co.
Alrose Chemical Co.
Calgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Kohnstamm & Co., Inc., H.
Rumford Div., Heyden Chemical Corp.
Standard Soap Co. of Camden
Theobald Industries
Van Chemical Co.

SOLVENT, PETROLEUM AND STODDARD

American Mineral Spirits Co.
Anderson-Prichard Oil Corp.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Deep Rock Oil Corp.
Gulf Oil Corp., Gulf Refining Co.
Shell Oil Co., Inc.
Skelly Oil Co.
Standard Oil Co.
Union Oil Co. of California

SOLVENT PUMPS

See: Pumps, Solvent

SOLVENT RECOVERY UNITS

Bowser, Inc.
Columbia Appliance Corp.
Davis Engineering Corp.
Detrex Corp.
Gross Machinery Co., Inc.
Hopkins Equipment Co.
Perry Machinery Co., E. J.

The Perry
SOLVO-MISER
● Reclaims Solvent
● Saves Labor
● Less Wrinkles
● Less Lint
E. J. PERRY CORP.
FALL RIVER, MASS.

Shields Engineering & Mfg. Co.
U. S. Hoffman Machinery Corp.
Vic Cleaning Machine Co.
Whitlock Mfg. Co.

SOLVENT, SAFETY PETROLEUM

American Mineral Spirits Co.
Anderson-Prichard Oil Corp.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Deep Rock Oil Corp.
Gulf Oil Corp., Gulf Refining Co.
Union Oil Co. of California

SOLVENT STILL REGULATORS

See: Controls and Regulators, Solvent Still

SOLVENT SWEETENERS

See: Sweeteners, Solvent

SOLVENT, SYNTHETIC

See: Solvent, Chlorinated (Synthetic)

SORTING BARS

Keyes-Davis Co.
National Marking Machine Co.

SORTING HOOKS

See: Assembly Hooks

SORTING REELS

Bishop Co., G. H.
Franklin Mfg. Co.
Marvel Mfg. Co.
National Marking Machine Co.
Purkett Mfg. Co.
Rudon Mfg. Co.
Rodin Machinery Co., Div. Rodin Bros.

SORTING TABLES

Perfection Products Co.
U. S. Hoffman Machinery Corp.

SOURS

Aurora Mfg. Co.
Carlton Chemical Co., Inc.
Carman & Co., Inc.
Crescent Chemical Div., Hood Chemical Co., Inc.
Diamond Alkali Co.
Drew & Co., Inc., E. F.
Hachik Bleach Co.
Johnson Chemical Industries, Inc.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Merchants Chemical Co., Inc.
Merson Products Co.
Minnesota Chemical Co.
North Coast Chemical & Soap Works
Patek & Co.
Pennsylvania Salt Mfg. Co.
Riverside Chemical Co.
Robins & Co., G. S.
Stadham Co., Inc.
Standard Chemical Works Co.
Superior Products Co.
Trico Chemical Div. of Tri-State Equipment Co.
Turco Products, Inc.
Washine National Sands, Inc.
Wyandotte Chemicals Corp.

SPECIAL ALKALI COMPOUNDS

See: Alkali Compounds, Special

SPECIAL DRYCLEANING DETERGENTS

See: Detergents, Special Drycleaning

SPECIAL WETCLEANING DETERGENTS

See: Detergents, Special Wetcleaning

SPEED INDICATORS

See: Indicators, Speed

SPEED RAIL CONVEYORS

See: Conveyors, Speed Rail

SPEED REDUCERS

See: Reducers, Speed

SPONGES

DuPont de Nemours & Co., Inc., E. I.

SPOT REMOVERS

Adco, Inc.
Allen & Vickers, Inc.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Chemical Sales Div., West Side Bag & Paper Co., Inc.
Crescent Chemical Div. Hood Chemical Co., Inc.
Davies-Young Soap Co.
Delray Industries, Inc.
Dixo Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
G & G Chemical Co.
Greenville Chemical Co.
Hachik Bleach Co.
Huntington Laboratories, Inc.
Ink-O Products Co.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Mead Co., George E.
Merson Products Co.
Murphy Sales Co.
National Cleaners Chemical Mfg. Co.
North Coast Chemical & Soap Works
Northeastern Soap & Chemical Co.
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Ravochem Products Co.
Riverside Chemical Co.
Riverside Mfg. Co.
Silkcleen Mfg. Co.

SILKCLEEN . . . removes hard set stains instantly from Real and Synthetic Fabrics
Steam or Water Soluble
Order from your Jobber
SILKCLEEN MANUFACTURING CO.
P. O. Box 512, Chicago 90, Ill.

Spears Co.
Spix Products Co.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Superior Products Co.
Takamine Laboratory, Inc.
Thoro Products Co.
Wallerstein Co., Inc.
Wilson Chemical Co., A. L.

"TARGO" A Distinctive Spotter
"INKGO" Liquid Oxidizing Agent
A. L. Wilson Chemical Co.
38 Passaic Avenue, Kearny, New Jersey

Wolke Co., A. F.

SPOTTING AGENTS

Adco, Inc.
Allen & Vickers, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Davies-Young Soap Co.
Delray Industries, Inc.
Dixo Co.
Drew & Co., Inc., E. F.
Eaton Chemical & Dyestuff Co.
G & G Chemical Co.
Greenville Chemical Co.
Hardin Co., Inc., J. L.
Huntington Laboratories, Inc.
Ink-O Products Co.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Lynch Co., J. P.
Mead Co., George E.
Merson Products Co.
Murphy Sales Co.
National Cleaners Chemical Mfg. Co.
North Coast Chemical & Soap Works
Package Chemical Co., Inc.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Rhodes, Preston T.
Ravochem Products Co.
Riverside Mfg. Co.
Silkcleen Mfg. Co.
Spix Products Co.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Superior Products Co.
Takamine Laboratory, Inc.
Thoro Products Co.
Wallerstein Co., Inc.
Warco Laboratories
Wilson Chemical Co., A. L.
Wolke Co., A. F.

SPOTTING BOARDS AND TABLES

Bishop Co., G. H.
Columbia Appliance Corp.
Excelsior Machinery Co.
Glover, Inc., Bill
Hopkins Equipment Co.

Hopkins SPOTTING TABLES
New type combination chemical and steam tables . . . the most advanced spotting table on the market. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

New York Pressing Machinery Corp.
White Machine Co., Inc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

SPOTTING BOARDS, STEAM

Braun, Inc., G. A.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Glover, Inc., Bill
Hopkins Equipment Co.

SPOTTING GUNS

See: Steam Guns

SPRAY DAMPENERS

See: Dampeners, Spray

SPRAY GUNS

American Laundry Machinery Co.
Binks Mfg. Co.
Bishop Co., G. H.
Cissell Mfg. Co., Inc., W. M.
DeVilbiss Co.
Dryco Corp.
Excelsior Machinery Co.
Glover, Inc., Bill
Hopkins Equipment Co.
Newhouse Co.
OsenMark Corp.
Paasche Airbrush Co.
Pest Control Equipment Co.
Spray Engineering Co.
Stewart-Warner Corp., Alemite Corp.

SPRAY GUNS, PAINT

See: Paint Spraying Equipment

SPRAY IRONS

See: Irons, Spray

SPRAY NOZZLES

See: Nozzles, Spray

SPREADER STOKERS

See: Stokers

SPREADERS, FLATWORK

See: Flatwork Spreaders

SPRING PADDING

See: Pads and Padding, Press and Ironer

SPROCKETS, CHAIN DRIVE

See: Chain Drive Sprockets

STACKERS, FLATWORK

See: Flatwork Ironer Stackers

STACKS

Brownell Co.
Kreier Co., E.
Kirk & Blum Mfg. Co.

STAINLESS STEEL

See: Steel, Stainless

STAINLESS STEEL TUBING

See: Tubing, Stainless Steel

STAIN REMOVERS

Adco, Inc.
Allen & Vickers, Inc.
Ames Mfg. Co.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carman & Co., Inc.
Chorox Chemical Co.
Crescent Chemical Div., Hood Chemical Co., Inc.
Davies-Young Soap Co.
Delray Industries, Inc.
Dion Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
Greenville Chemical Co.

SOLVINK TANSOL
GREENZYME
IODASE SIZ-IN
Greenville Chemical Company
See Page 160

Hachik Bleach Co.
Johnson Chemical Industries, Inc.
Kem Laboratories
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Lynch Co., J. P.
Mead Co., George E.
Merson Products Co.
Midland Color & Chemical Co.

STAIN REMOVERS
PAINT • OIL • GREASE • INK
ORGANIC • LIPSTICK • FRUIT • ETC.
Midland Color & Chemical Co.
15 Greene St., Jersey City 2, N. J.

Murphy Sales Co.
National Cleaners Chemical Mfg. Co.
Northeastern Soap & Chemical Co.
Nu-Pro Mfg. Co.
Package Chemical Co., Inc.

MOCO Products
For The Drycleaner
Package Chemical Company, Inc.
218 W. First St., Boston 27, Mass.

Patek & Co.
Pennsylvania Salt Mfg. Co.
Rayochem Products Co.
Riverside Mfg. Co.
Sikorsen Mfg. Co.
Speare Co.
Spix Products Co.
Street & Co., Inc., R. R.
Superior Products Co.
Warco Laboratories
Washine National Sands, Inc.
Wilson Chemical Co., A. L.

STAMPS, RUBBER

Stafford Co., N.

STAPLES, WIRE

Ace Fastener Corp.
Bostitch, Inc.
Neva-Clog Products, Inc.
Prym, Inc., William
Speed Products Co., Inc.
Stafford Co., N.

STAPLING MACHINES

Ace Fastener Corp.
Bostitch, Inc.
Marvel Marking Machine Co.
Neva-Clog Products, Inc.
Speed Products Co., Inc.
Stafford Co., N.

STARCH, COMBINATION

Arabol Mfg. Co.
Clinton Foods Inc.
Huron Milling Co., Inc.

WHEEL SIZING
IS THE SIMPLEST, EASIEST AND MOST ECONOMICAL WAY TO STARCH SHIRTS
WRITE FOR BOOKLET
"To get better shirtwork"
THE HURON MILLING CO., Inc.
9 Park Place, New York 7, N. Y.
160 E. Illinois St., Chicago 11, Ill.
383 Brannan St., San Francisco, Cal.

Keever Starch Co.
Kohnstamm & Co., Inc., H.
National Starch Products, Inc.

STARCH COOKERS

See: Cookers, Starch

STARCH, CORN

Arabol Mfg. Co.
Clinton Foods Inc.
Habinger Co.
Huron Milling Co., Inc.
Keever Starch Co.
National Starch Products, Inc.
Staley Mfg. Co., A. E.

STARCH DIPPERS

See: Dippers, Starch

STARCH EXTRACTORS

See: Extractors, Starch

STARCHING AND EXTRACTING MACHINES

American Laundry Machinery Co.
Hammond Laundry-Cleaning Machinery Co.
Loyal Textile Machinery Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

STARCHING MACHINES

American Laundry Machinery Co.
Bishop Co., G. H.
Loyal Textile Machinery Corp.

STARCHING TABLES

Bishop Co., G. H.

STARCH, LIQUID

National Starch Products, Inc.

STARCH, LUBRICANT

Aurora Mfg. Co.
Crescent Chemical Div., Hood Chemical Co., Inc.
Drew & Co., Inc., E. F.
Stadham Co., Inc.
Superior Products Co.
Thompson-Hayward Chemical Co.

STARCH MIXERS

American Laundry Machinery Co.
Bishop Co., G. H.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

STARCH RECLAIMER

Lewis National Corp.

STARCH, RICE

Keever Starch Co.

STARCH TUBS

See: Tubs, Starch

STARCH, WHEAT

Huron Milling Co., Inc.
Industrial Grain Products, Ltd.
Keever Starch Co.

STARCH WHIPS

See: Soap and Starch Whips

STATIONARY TUBS, LAUNDRY TYPE

See: Tubs, Stationary, Laundry Type

STEAM-AIR FINISHERS, GARMENT

American Laundry Machinery Co.
Braun, Inc., G. A.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Garment Finishing Equipment Corp.
Glover, Inc., Bill
Hopkins Equipment Co.
Leef Brothers, Inc.
Pantex Mfg. Corp.
Pass Mfg. Co.
Tri-Pak Machinery Service, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
"AIRFORM" FINISHERS and Steam-Vacuum Finishing Board
105 FOURTH AVENUE, NEW YORK 3, N. Y.

Wichita Precision Tool Co., Inc.

STEAM BOARDS

Braun Inc., G. A.
Butler Mfg. Co.
Christman Co., Inc., E. L.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Glover, Inc., Bill
Hopkins Equipment Co.
New York Pressing Machinery Corp.
Pantex Mfg. Corp.
U. S. Hoffman Machinery Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

STEAM CONDENSATION RETURN SYSTEMS
See: Return Systems, Steam Condensation

STEAM CONNECTORS
See: Connectors, Steam

STEAM-ELECTRIC IRONS
See: Irons, Steam-Electric

STEAM ENGINE GOVERNORS
See: Governors, Steam Engine

STEAM ENGINES
See: Engines, Steam

STEAMERS, GARMENT
See: Steam-Air Finishers, Garment

STEAMERS, VELVET
American Laundry Machinery Co.
New York Pressing Machinery Corp.
U. S. Hoffman Machinery Corp.

STEAM EVAPORATORS
See: Evaporators, Steam

STEAM GAUGES
See: Gauges, Steam

STEAM GENERATORS
See: Boilers and Steam Generators

STEAM GUNS
American Laundry Machinery Co.
Cissell Mfg. Co., Inc., W. M.
Excelsior Machinery Co.
Glover, Inc., Bill
New York Pressing Machinery Corp.
U. S. Hoffman Machinery Corp.

STEAM IRONS
See: Irons, Steam

STEAM-JET ASH CONVEYORS
See: Conveyors, Steam-Jet Ash

STEAM JOINTS, FLEXIBLE
See: Joints, Flexible Steam

STEAM METERS
See: Meters, Steam

STEAM POWER PLANTS
See: Power Plants, Steam

STEAM POWER UNITS
See: Power Units, Steam

STEAM POWER UNITS, TURBINE
See: Power Units, Steam

STEAM PUFFERS
See: Puffers, Steam

STEAM-RESISTING PAINT
See: Paint

STEAM STERILIZERS, DIAPER
See: Sterilizers, Steam, Diaper

STEAM SYSTEMS
Kisco Boiler & Engineering Co.
Schaub Engineering Co., Inc., Fred H.
Sterling, Inc.
Stout & Sons, David
Velocity Steam Production Engineering
Webster & Co., Warren

STEAM TABLES
American Laundry Machinery Co.
Excelsior Machinery Co.
Hopkins Equipment Co.
New York Pressing Machinery Corp.
Wolverine Sales Co.

STEAM TRAP FLOATS (REPLACEMENT)
See: Floats, Steam Trap (Replacement)

STEAM TRAPS
See: Traps, Steam

STEAM TREATING CHEMICALS
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Drew & Co., Inc., E. F.
Kelite Products, Inc.

STEAM TURBINES
See: Turbines, Steam

STEAM VALVES
See: Valves, Steam

STEAM WASHERS
See: Washers, Steam

STEEL BOXES
See: Boxes, Metal

STEEL PIPE
See: Pipe, Steel

STEEL, STAINLESS
Allegheny-Ludlum Steel Corp.
Berger Mfg. Div., Republic Steel Corp.
Carll Sons, Chas. W.
Carnegie-Illinois Steel Corp.

STEEL STOOLS
Angle Steel Stool Co.

STEEL STORAGE BINS
See: Bins, Steel Storage

STEEL STORAGE RACKS
See: Racks, Storage

STEEL TABLES
See: Tables, Steel

STEEL WOOL PADDING
See: Pads and Padding, Press and Ironer

STERILIZERS, STEAM, DIAPER
American Sterilizer Co.

STERILIZING AND DISINFECTING MACHINES
American Sterilizer Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

STERILIZING CABINETS
Chicago Dryer Co.
Sterling, Inc.

STERILIZING MACHINES, PILLOW, FEATHER
American Laundry Machinery Co.
American Sterilizer Co.
Frager-Sparks Co.

FEATHER HYGENATOR
(feather cleaning & sterilizing machine)
Uses live steam—no chemicals
Write for Information & Prices
FRAGER—SPARKS CO.
10 NE 3rd Ave. Miami, Fla.

Huebsch Mfg. Co.
Universal Sanitizing Equipment, Inc.

STERILIZING WASHERS
See: Washers, Sterilizing

STICKERS
Crewdson Co.
Fenton Label Co.
St. Louis Stacker Co.

STILLS
American Laundry Machinery Co.
Bowser, Inc.
Butler Mfg. Co.
Detrex Corp.
Gross Machinery Co., Inc.
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
Olson Filtration Engineers, Inc.
Pantex Mfg. Corp.
U. S. Hoffman Machinery Corp.
Whitlock Mfg. Co.

STOCK GEARS
See: Gears, Stock

STOKERS
American Coal Burner Co.
American Engineering Co.
Bressler Engineering Service
Brownell Co.
Canton Stoker Corp.
Chicago Automatic Stoker Co.
Conco Engineering Works, Div. H. D. Conkey & Co.
Detroit Stoker Co.
Erie City Iron Works
Flynn & Emrich Co.
Iron Fireman Mfg. Co.
Johnston & Jennings Co.
Kol Master Corp.
Laclede Stoker Co.
Leffel & Co., James
Link-Belt Co.
National Steam Pump Co.
Steel Products Engineering Co.
U. S. Machine Corp.
Will-Burt Co.

STONE PAINT
See: Paint

STORAGE BAGS, MOTHPROOF
See: Bags, Storage Mothproof

STORAGE BATTERIES
See: Batteries, Storage

STORAGE BINS, CAST IRON
See: Bins, Cast Iron Storage

STORAGE BINS, STEEL
See: Bins, Steel Storage

STORAGE CABINETS
Angle Steel Stool Co.
Berger Mfg. Div., Republic Steel Corp.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.

STORAGE RACKS, STEEL
See: Racks, Storage

STORAGE SUPPLIES
Haertel Co., Walter
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Rubinoff Co., M.

Folders, Return Cards,
Stuffers, Post Cards
FUR STORAGE
RECEIPTS
M. Rubinoff
154-156 W. 27th St., New York 1, N. Y.

Sirotta Co., Bernard

STORAGE VAULT EQUIPMENT
Carman & Co., Inc.
Haertel Co., Walter

FUR STORAGE AND CLEANING
EQUIPMENT . . AND SUPPLIES
WALTER HAERTEL COMPANY
2840 Fourth Ave. So., Minneapolis 8, Minn.
This has been our specialized business for years.

(Continued on next page)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses — MANUFACTURERS' list beginning page 284

Storage Vault Equipment *(Continued)*
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.

Headquarters for
Fur Storage and Cleaning Equipment
RELIABLE
FUR STORAGE EQUIPMENT COMPANY
230 Eagle Street, Brooklyn 22, N. Y.

Sirotta Co., Bernard

STORE FIXTURES, COUNTERS

Popkins Studio Fixtures, Inc.

See Booth #190 N.I.C.D. Convention
SEE HOW YOUR STORE CAN
Be Economically Designed to Bring You More Business, Greater Profits
Write for Illustrated Circular
POPKINS STUDIO FIXTURES, INC.
Serving Cleaners & Laundries Exclusively
6805 Easton Ave. St. Louis 4, Mo.

STRAIGHTENERS, PIN

See: Pin Straighteners

STRAINERS, PIPE LINE

American District Steam Co.
Anderson Co., V. D.
Anthony Co.
Armstrong Machine Works
Blackmer Pump Co.
Bowser, Inc.
Cash Co., A. W.
Clark Mfg. Co.
Crane & Co.
Cuno Engineering Corp.
Daval Regulator Co.
Drico Industrial Corp.
Elliott Co.
Keekley Co., O. C.
Leslie Co.
Nicholson & Co., W. H.
Sterling, Inc.
Wright-Austin Co.
Yarnall-Waring Co.

STRETCHERS, BLANKET

American Laundry Machinery Co.
Economy Specialty Co.
Hopkins Equipment Co.

Hopkins
BLANKET STRETCHERS
Largest selling unit on the market. For blankets or curtains. With or without drying cabinets. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

National Dryer Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

STRETCHERS, CURTAIN

American Laundry Machinery Co.
Economy Specialty Co.
Hopkins Equipment Co.
National Dryer Mfg. Co.
Rosenthal Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
West Coast Laundry Machinery Co.

STRETCHERS, HAT

See: Hatters' Equipment

STRETCHERS, RUG AND CARPET

Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.

STRING MARKING ELIMINATOR, FLATWORK IRONER

American Associated Companies
Rosenthal Mfg. Co.

STRING, PRINTED

Milwaukee Printed String Co.
Rosenthal Paper Co.
Spear Box Co., Inc.

STRINGS, COVER CLOTH

See: Cover Cloth Clamps or Strings

STRINGS, FLATWORK IRONER

See: Flatwork Ironer Strings

STRIPPERS

Caled Products Co., Inc.
Carman & Co., Inc.
Crescent Div., Hood Chemical Co.
Eaton Chemical & Dyestuff Co.
Johnson Chemical Industries, Inc.
Kohnstamm & Co., Inc., H.
Kuehne Chemical Co.
Merchants Chemical Co., Inc.
Merson Products Co.
National Cleaners Chemical Mfg. Co.
Riverside Mfg. Co.
Spaire Co.
Spix Products, Inc.
Stadham Co., Inc.
Street & Co., Inc., R. R.
Superior Products Co.
Washine National Sands, Inc.
Wilson Chemical Co., A. L.

"YELLOWGO" "COLORGO"
Liquid Dye Powdered
Reducing Agent Stripper
A. L. Wilson Chemical Co.
38 Passaic Avenue, Kearny, New Jersey

Wolf & Co., Jacques

STRIPPING DEVICE, FLATWORK IRONER

See: Flatwork Ironer Stripping Device

SUEDE DRESSINGS

See: Dressing, Suede

SUEDE SOAPS

See: Soaps, Suede

SULFATED ALCOHOL

Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Drew & Co., Inc., E. F.
General Dyestuff Corp.
Keystone Aniline & Chemical Co.
Procter & Gamble Distributing Co.
Theobald Industries
Wolke Co., A. F.

SULPHONATED OILS

Apex Chemical Co., Inc.
Arnold-Hoffman & Co., Inc.
Drew & Co., Inc., E. F.
General Aniline & Film Corp., Special Products Sales Div.
General Dyestuff Corp.
Kohnstamm & Co., Inc., H.
Riverside Chemical Co.
Standard Soap Co. of Camden
Theobald Industries
Wolf & Co., Jacques
Wolke Co., A. F.

SUPERHEATERS

Beeler Corp.
Keeler Co., E.

SUPPORTS, COLLAR

See: Collar Supports

SURFACE CLOTH

See: Cloth, Surface

SUSPENDER PINS

See: Pins

SWEETENING AND PURIFYING AGENTS, SOLVENT

Darco Corp.

DARCO
KEEP YOUR SOLVENT "WATER-WHITE"
Solvent Purified by
BLUE LABEL DARCO Activated Carbon
Can Be Used Over and Over!
DARCO Corporation
60 East 42nd Street, New York 17, N. Y.

Dicalite Div., Great Lakes Carbon Corp.
Filtrol Corp.
Johns-Manville
Salomon & Bro., L. A.
Westvaco Chemical Div., Food Machinery & Chemical Corp.
Wyandotte Chemicals Corp.

SWING JOINTS

See: Joints, Revolving and Swing

SWITCHES, FLOAT OPERATED

Kisco Boiler & Engineering Co.
McDonnell & Miller, Inc.

SWITCHES, SAFETY, ELECTRIC

Cutler-Hammer, Inc.
General Electric Co.
Photoswitch, Inc.

SWITCHES, TIME

General Electric Co.
Photoswitch, Inc.
Tork Clock Co., Inc.

SWITCH GEARS, ELECTRIC

General Electric Co.
Worthington Pump & Machinery Corp.

SYNTHETIC DETERGENTS

Adco, Inc.
Allen & Vickers, Inc.
Alrose Chemical Co.
Apex Chemical Co., Inc.
Armour & Co.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Carlton Chemical Co., Inc.
Colgate-Palmolive-Peet Co.
Crescent Chemical Div., Hood Chemical Co., Inc.
Davies-Young Soap Co.
Delray Industries, Inc.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
General Aniline & Film Corp., Special Products Sales Div.
General Dyestuff Corp.
Kamen Soap Products Co., Inc.
Kelite Products, Inc.
Kem Laboratories
Kohnstamm & Co., Inc., H.
Magnus Chemical Co., Inc.
Merson Products Co.
National Aniline Div., Allied Chemical & Dye Corp.
North Coast Chemical & Soap Works
Patek & Co.
Phoenix Oil Co.
Procter & Gamble Distributing Co.
Stadham Co., Inc.
Street & Co., Inc., R. R.
Texas Soap Mfg. Corp.
Theobald Industries
Turco Products, Inc.
Van Chemical Co.
Wolf & Co., Jacques
Wyandotte Chemicals Corp.

SYNTHETIC DRYCLEANING UNITS

See: Drycleaning Systems, Synthetic Solvent

SYNTHETIC SOLVENT

See: Solvent, Chlorinated (Synthetic)

SYSTEMS, LUBRICATING

See: Lubricating Systems

TABLECLOTH WRAPPERS

See: Wrappers, Tablecloth

TABLES, FOLDING

See: Folding Tables

TABLES, FUR CLEANING (Vented)

See: Fur Cleaning Table, Vented

TABLES, IRONING

See: Ironing Boards and Tables

TABLES, MARKING

See: Marking Tables

TABLES, PRESSING

See: Pressing Tables

TABLES, SHIRT FOLDING

See: Shirt Folding Boards

TABLES, SORTING

See: Sorting Tables

TABLES, SPOTTING

See: Spotting Boards and Tables

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

TABLES, STARCHING
See: Starching Tables

TABLES, STEAM
See: Steam Tables

TABLES, STEEL
Angle Steel Stool Co.
Berger Mfg. Div., Republic Steel Corp.
Bishop Co., G. H.
National Marking Machine Co.
Rosenthal Mfg. Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

TABLES, WETCLEANING
See: Wetcleaning Tables

TABLES, WOOD
Bishop Co., G. H.
Purkett Mfg. Co.
Stein Co., Lawrence M.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

TABLE-TOP REPLACEMENTS
See: Replacements, Sheets, Pillowcases, etc.

TACHOMETERS
Bailey Meter Co.
Bristol Co.
Eclipse-Pioneer Div., Bendix Aviation Corp.
General Electric Co.
Ideal Industries, Inc.
Reliance Electric & Eng. Co.
Stewart-Warner Corp., Alemite Corp.
Sticht Co., Inc., Herman
Veeder-Root, Inc.

TAG—INVOICE, COMBINATION
Commercial Tag Co.
Hub Printing Services

"O'CONNOR'S"
NEW MARKING SYSTEM
N.I.C.D. VISITORS—Seeing Is Believing
Visit O'CONNOR'S Top Quality Plant of River Forest, Ill. See how *Sp-D-Service Day Books of Pre-Marked Invoices with Tags of Matching Colors and Numbers* cuts costs—eliminates errors—speeds production and simplifies bookkeeping.
HUB PRINTING SERVICES
320 North Euclid Ave., OAK PARK, Illinois
Register Forms—Sales Books—1-time carbon sets
*Copyrighted—Patented—Infringements prosecuted

McLay Sales Co., Walter J.

TAGS, BIN
Commercial Tag Co.
National Marking Machine Co.
National Tag & Label Corp.
Rubinoff, M.
Stafford Co., N.

TAGS, MARKING
American Coat Hanger Mfg. Co.
Boston Clip & Tag Co.

Manufacturers of Box-Tags
Boston Peerless Beacon-Hub Perforating Tags
Staple Tag-A-Day, Non-X-L and A-B
Sold thru Jobbers Only
BOSTON CLIP & TAG CO.
178 Atlantic Ave. Boston 10, Mass.

Challenge Marking Tag Co.
Commercial Tag Co.
Fleischer Mills, Inc.
Gifford Mfg. Co., H. M.
Goodman & Co., A.
Hub Printing Services
Hodge, Farwell & Co.
International Ticket Co.
Keyes-Davis Co., The
Keystone Tag Co.
Kimball Co., A.
Liberty Marking Tag Co., Inc.
National Marking Machine Co.
National Tag & Label Corp.
Nicholson Laboratories, Wm. J.
Patek & Co.
Perfection Products Co.
Pittsburgh Tag Co.
Pre-Marked Strip Tag Co.
Rubinoff, M.
Safety-Notch Tag Co., Inc.
Salisbury Mfg. Co.
Simmons Machine Co.
Stafford Co., N.
Stry-Lenkoff, Inc.
Tagit Co.
TickeTag Co.

SEE OUR AD
Page 179
"TT" TickeTag

U. S. Marking Tag Co.
West Side Bag & Paper Co., Inc.
Wormstead, Smith & Loomis, Inc

TAGS, OVERALL
Keyes-Davis Co.

TAGS, PRINTED
Boston Clip & Tag Co.
Campbell Box & Tag Co.
Cook, Sidney A.
Commercial Tag Co.
Fleischer Mills, Inc.
Gifford Mfg. Co., H. M.
Goodman & Co., A.
Hub Printing Services
International Tag & Salesbook Co.
Keystone Tag Co.
Kimball Co., A.
Larton Products, Inc.
Market Industries, Inc.
Moore Business Forms, Inc.
National Marking Machine Co.
National Tag & Label Corp.
Patek & Co.
Perfection Products Co.
Phoenix Products Co.
Pittsburgh Tag Co.
Pre-Marked Strip Tag Co.
Rubinoff, M.
Salisbury Mfg. Co.
Steinman Paper Co.
U. S. Marking Tag Co.
West Side Bag & Paper Co., Inc.
Wormstead, Smith & Loomis, Inc.

TAILORING MACHINES
See: Sewing Machines

TANK LINING
Ford Tank Maintenance Co., Inc.

TANKS, ACID-RESISTING
Graver Tank & Mfg. Co.
Hall & Sons, Amos H.
Hauser-Stander Tank Co.
Knight, Maurice A.
Ohio Centrifugals Co.
Raybestos-Manhattan, Inc.
U. S. Rubber Co.

TANKS, AIR
Alert Engineering Products
Graver Tank & Mfg. Co.
Westinghouse Air Brake Co., Industrial Div.

TANKS, METAL
Brownell Co.
Butler Mfg. Co.
Devere Co.
Dixon Boiler Works
Graver Tank & Mfg. Co.
Hammond Laundry-Cleaning Machinery Co.
Industrial Mfg. Co.
Kirk & Blum Mfg. Co.
Ohio Centrifugals Co.
Sterling, Inc.
Triplex Industries, Inc.
Williams & Davis Boiler & Welding Co., Inc.

TANKS, SOAP
American Laundry Machinery Co.
Bishop Co., G. H.
Graver Tank & Mfg. Co.
Hall & Sons, Amos H.
U. S. Hoffman Machinery Corp.

TANKS, WATER REPELLENT
See: Water Repellent Dip Tanks

TANKS, WOOD
Arrow Tank Co., Inc.
Hall & Sons, Amos H.
Hauser-Stander Tank Co.
Stearns Lumber Co., A. T.

TANNIN STAIN REMOVERS
See: Stain Removers

TAPE, BINDING
Gummed Tape & Devices Co.
Hope Webbing Co.

TAPE, GUMMED
Gronauer Co., M. H.
Gummed Tape & Devices Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.
West Side Bag & Paper Co., Inc.
Wormstead, Smith & Loomis, Inc.

TAPE, IRONER
American Associated Companies
Carman & Co., Inc.
Egan Cotton Mills
Hope Webbing Co.
Robins Co., G. S.
Russell Mfg. Co.
Southern Mills, Inc.
Tingue, Brown & Co.
Whitehouse Products, Inc.

TAPE, MARKING
Cash, Inc., J. & J.
Fleischer Mills, Inc.
Hope Webbing Co.
National Marking Machine Co.
Nicholson Laboratories, Wm. J.
Pre-Marked Strip Tag Co.
Tingue, Brown & Co.

TAPE, MENDING
Gummed Tape & Devices Co.
Madison Products Co.
Mendex Corp.
U. S. Marking Tag Co.

TAPE, MENDING, HEAT SEALING
Madison Products Co.
Summons Machine Co.
Standard Garment Co.
Tingue, Brown & Co.

TAPE, PRINTED
Cash, Inc., J. & J.
Gummed Tape & Devices Co.
Hope Webbing Co.
Milwaukee Printed String Co.
Moore Business Forms, Inc.
Phoenix Products Co.
Pre-Marked Strip Tag Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Sure-Hold Div., Nashua Gummed & Coated Paper Co.

TAPE-SEALING MACHINES
Better Packages, Inc.
Ideal Stencil Machine Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Time Savers, Inc.

TEMPERATURE CONTROLS
See: Controls and Regulators, Temperature

TEMPERATURE GAUGES
See: Gauges, Temperature

TEMPERATURE RECORDERS
See: Recorders, Temperature

TEMPERATURE REGULATORS
See: Controls and Regulators (under specific headings)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

TEMPERATURE-TIME REGULATORS

See: Controls and Regulators (under specific headings)

TENSILE STRENGTH TESTERS

See: Testers, Tensile Strength

TEST CONTROLS, FEED-WATER

See: Controls and Regulators (under specific headings)

TEST EQUIPMENT, BOILER WATER CONDITIONING

See: Boiler Water Treatment

TEST EQUIPMENT, WATER TREATMENT CONTROL

Diamond Alkali Co.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Hellige, Inc.
National Aluminate Corp.
Taylor & Co., W. A.
Wallace & Tiernan Products, Inc.

TESTERS, CLOTH AND FABRIC

Testing Machines, Inc.

TESTERS, GAUGE

Ashton Valve Co.
Testing Machines, Inc.

TESTERS, TENSILE STRENGTH

Chatillon & Sons, John
Testing Machines, Inc.

TESTERS, WATER

Elgin Softener Corp.
Graver Tank & Mfg. Co.
Kohnstamm & Co., Inc., H.
National Aluminate Corp.

TESTING SETS, COLORIMETRIC

Diamond Alkali Co.
National Aluminate Corp.
Taylor & Co., W. A.

TESTING SYSTEMS, BOILER FEED

Elgin Softener Corp.
Graver Tank & Mfg. Co.
Hagan Corp.
Hellige, Inc.
Magnus Chemical Co., Inc.
National Aluminate Corp.

TESTING SYSTEMS, FEED-WATER

Elgin Softener Corp.
Graver Tank & Mfg. Co.
Magnus Chemical Co., Inc.
National Aluminate Corp.

TEST KITS, CHLORINE

Diamond Alkali Co.
Hellige, Inc.
Patterson Laboratories, Inc.
Sodium Sales Div., Allied Chemical & Dye Corp.
Taylor & Co., W. A.
Wallace & Tiernan Products, Inc.

TEST KITS, DRYCLEANERS'

Anderson-Prichard Oil Corp.
Caled Products Co., Inc.
Street & Co., Inc., R. R.

TEST KITS, DRYCLEANING SOLVENT

Caled Products Co., Inc.
Street & Co., Inc., R. R.

TEST KITS, pH CONTROL

Diamond Alkali Co.
Elgin Softener Corp.
Hellige, Inc.
Ivy Laboratories
Lewis National Corp.
Marbeth Corp.
National Aluminate Corp.
Sparco Co.
Taylor & Co., W. A.
Wallace & Tiernan Products, Inc.

TEST KITS, PHOSPHATE

Elgin Softener Corp.
Hellige, Inc.
Taylor & Co., W. A.

TETRASODIUM PYROPHOSPHATE

DuPont de Nemours & Co., Inc., E. I.
Mono Chemical Co., A. B.
Theobald Industries
Westvaco Chemical Div., Food Machinery & Chemical Corp.

THERMOMETERS, INDICATING

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Electric Auto-Lite Co.
Foxboro Co.
Marsh Corp., Jas. P.
Moeller Instrument Co., Inc.
Powers Regulator Co.
Pyrometer Instrument Co., Inc.
Sarco & Co., Inc.
Taglabue Div., C. J., Portable Products Corp.
U. S. Gauge Div., American Machine & Metals, Inc.
Weston Electrical Instrument Corp.

THERMOMETERS, RECORDING

Bailey Meter Co.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Defender Instrument & Regulator Co.
Electric Auto-Lite Co.
Foxboro Co.
Mason-Neilan Regulator Co.
Moeller Instrument Co., Inc.
Powers Regulator Co.
Taglabue Div., C. J., Portable Products Corp.
Weston Electrical Instrument Corp.

THERMOSTATIC TRAPS

See: Traps, Thermostatic

THERMOSTATIC VALVES

See: Valves, Thermostatic

THREAD

American Associated Companies
Bemis Bro. Bag Co.
Chandler Machine Co.
Chicago Pearl Button Co.
Fleischer Mills, Inc.
Myer Thread Mfg. Co., Henry
Trojan Button Co.
Whitehouse Products, Inc.

THREADERS, PIPE

See: Pipe Cutters and Threaders

THRUST BEARINGS

See: Bearings, Thrust

TICKINGS

Burcott Mills
Tully Co., R.
Manhattan Cotton Goods Mfg. Co.

TIE FORMS

Dil-O Products Co.
Lemco Products, Inc.
Paulin Products Co.
West Side Bag & Paper Co., Inc.
Wonner, Joe L.

TIE HOLDERS

Hodge, Farwell & Co.

STA-RITE TIE HOLDERS
Easily attached to hanger . . . hold ties and belts firmly without pins, clips or gummed tape. Prevent losses . . . stop complaints. Order from your jobber.
HODGE, FARWELL & COMPANY
129 N. Sacramento Blvd., Chicago 12, Ill.

Laidlaw Wire Co., W. A.
Lemco Industries, Inc.
Para-Lux Products Co.

TIME CONTROLS

See: Controls and Regulators, Time

TIME INDICATORS

See: Indicators, Time

TIME METERS

See: Meters, Time

TIME RECORDERS

See: Recorders, Time

TIME SIGNALS

Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Cramer & Co., Inc., R. W.
Rosenthal Mfg. Co.

TIME SWITCHES

See: Switches, Time

TIMERS, ELECTRIC

Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Cramer & Co., Inc., R. W.
Cutler-Hammer, Inc.
General Electric Co.
Photoswitch, Inc.
Rosenthal Mfg. Co.
Tork Clock Co., Inc.
Western Laundry Press Co.

TIMERS, WASHER

American Laundry Machinery Co.
Automatic Temperature Control Co., Inc.
Bildwel Manufacturers
Cramer & Co., Inc., R. W.
Muebsch Mfg. Co.
Prosperity Co., Inc.
Rosenthal Mfg. Co.
U. S. Hoffman Machinery Corp.

TINTS AND DYES, LAUNDRY

American Aniline Products, Inc.
Eaton Chemical & Dyestuff Co.
Heller & Co., P.
Merson Products Co.
Patek & Co.
Stadham Co., Inc.

TIRE REBUILDING AND REPAIR MATERIALS

Gates Rubber Co.
Mohawk Rubber Co.
U. S. Rubber Co.

TIRES

Gates Rubber Co.
Goodrich Co., B. F.
Gulf Oil Corp., Gulf Refining Co.
Mohawk Rubber Co.
Pennsylvania Rubber Co.
U. S. Rubber Co.

TOILET SOAPS

See: Soaps, Toilet

TOWEL CABINETS

Pullclean Towel Cabinet Co., Inc.
Smith Mfg. Co., George
Steiner Sales Co.

TOWEL CABINETS, CONTINUOUS

Steiner Sales Co.

TOWEL COUNTERS

See: Counters, Automatic

TOWEL REPLACEMENTS

See: Replacements, Sheets, Pillowcases, etc.

TOWELS

American Associated Companies
Bumberg & Co., Inc., Ben
Bostwick-Bottomsen Co.
Burcott Mills
Troy Sundade Co.

TRAINING COURSES

See: Schools, Laundry and Drycleaning

TRANSFORMERS, ELECTRIC

General Electric Co.

TRANSMISSION, CHAIN

Link-Belt Co.
Whitney Chain & Mfg. Co.

TRANSMISSIONS, VARIABLE SPEED

Link-Belt Co.
Stephens & Adamson Mfg. Co.

TRAPS, AIR

See: Air Traps

TRAPS, BOILER FEED

Johnson Corp.
Keekley Co., G. C.
Morehead Mfg. Co.
Sterling, Inc.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Webster & Co., Warren
Wright-Austin Co.

TRAPS, DRAIN

Crane Co.
Keekley Co., G. C.
Marsh Corp., Jas. P.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Walworth Co.
Webster & Co., Warren
Wright-Austin Co.

TRAPS, FLOAT

American District Steam Co.
Anderson Co., V. D.
Armstrong Machine Works
Clark Mfg. Co.
Crane Co.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Marsh Corp., Jas. P.
Sarco Co., Inc.
Sterling, Inc.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Strong, Carlisle & Hammond Co.
Trane Co.
U. S. Hoffman Machinery Corp.
Wright-Austin Co.

TRAPS, LINT

Bowser, Inc.
Hopkins Equipment Co.
U. S. Hoffman Machinery Corp.
V & W Equipment Co.

TRAPS, NON-RETURN

Anderson Co., V. D.
Armstrong Machine Works
Clark Mfg. Co.
Davis Engineering Corp.
Keckley Co., O. C.
Morehead Mfg. Co.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Strong, Carlisle & Hammond Co.
Wright-Austin Co.

TRAPS, RETURN

Johnson Corp.
Keckley Co. O. C.
Marsh Corp., Jas. P.
Sarco Co., Inc.
Sterling, Inc.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Webster & Co., Warren
Wright-Austin Co.

TRAPS, STEAM

American District Steam Co.
Anderson Co., V. D.
Armstrong Machine Works
Clark Mfg. Co.
Cochrane Corp.
Coe Mfg. Co.
Crane Co.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Marsh Corp., Jas. P.
Morehead Mfg. Co.
Nicholson & Co., W. H.
Powers Regulator Co.
Sarco Co., Inc.
Schaub Engineering Co., Inc., F. H.
Sterling, Inc.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Strong, Carlisle & Hammond Co.
Trane Co.
Webster & Co., Warren
Wright-Austin Co.
Yarnall-Waring Co.

TRAPS, THERMOSTATIC

American District Steam Co.
Keckley Co., O. C.
Marsh Corp., Jas. P.
Nicholson & Co., W. H.
Powers Regulator Co.
Sarco Co., Inc.
Sterling, Inc.
Strong, Carlisle & Hammond Co.
Trane Co.
Webster & Co., Warren
Wright-Austin Co.

TRAPS, VACUUM

Butler Mfg. Co.
Clark Mfg. Co.
Keckley Co., O. C.
Kelmaker Mfg. Co.
Marsh Corp., Jas. P.
Mitchell Co., J. B.
Morehead Mfg. Co.
Sterling, Inc.
Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
Strong, Carlisle & Hammond Co.
Webster & Co., Warren
Wright-Austin Co.

TRAPS, WASHER

Bowser, Inc.
Butler Mfg. Co.
Hopkins Equipment Co.

TRAYS, PIN

See: Pin Tray Cabinets

TRICHLOROETHYLENE

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
DuPont de Nemours & Co., Inc., E. I.
Westvaco Chemical Div., Food Machinery & Chemical Corp.

TRISODIUM PHOSPHATE

DuPont de Nemours & Co., Inc., E. I.
Mass Chemical Co., A. R.
Mallinckrodt Chemical Works
Sergeant Pulp & Chemical Co., Inc., E. M.
Theobald Industries

TROLLEYS, MONORAIL

American Monorail Co.
Chief Mfg. Co., Inc.
Conco Engineering Works Div., H. D. Conkey & Co.
Link-Belt Co.
Rosenthal Mfg. Co.
Time Savers, Inc.

TROUSER BAGS

See: Bags, Pants or Trouser

TROUSER FORMS

American Laundry Machinery Co.
Carman & Co., Inc.
Glover, Inc., Bill
Huebsch Mfg. Co.
Leef Bros., Inc.

TROUSER GUARDS

Andrew Paper Box & Bag Corp.
Carman & Co., Inc.
Garment Hanger Co.
Greif Bros. Cooperage Corp.
Hodge, Farwell & Co.

STA-RITE TROUSER GUARDS

Heat formed... smoothly curved... prevent cross-creases. Serrated edges... trousers won't slip. Easily attached.
Order from your jobber.

HODGE, FARWELL & COMPANY
129 N. Sacramento Blvd., Chicago 12, Ill.

Laidlaw Wire Co., W. A.
Laundry Packaging Corp.
Loroco Industries, Inc.
Marion Mfg. Co.
Para-Lux Products Co.
Patek & Co.
Paulin Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Time Savers, Inc.
West Side Bag & Paper Co., Inc.

TROUSER GUARDS, PRINTED

Hodge, Farwell & Co.

STA-RITE *Printed* TROUSER GUARDS

Heat formed . . . smoothly curved . . . easily attached. Printed with your name, address, phone number. *Order from your jobber.*

HODGE, FARWELL & COMPANY
129 N. Sacramento Blvd., Chicago 12, Ill.

TROUSER POCKET REPLACEMENTS

See: Replacements, Trouser Pocket

TRUCK BODIES, SPECIAL

Atterling Chevrolet Corp.
Atlas Body Co.
Carll Sons, Chas. W.
Herman Body Co.
Linn Coach & Truck Div., Great American Industries, Inc.
Metropolitan Body Co.
Montpelier Mfg. Co.
Olson Corp., J. B. E.

NEW 1950 OLSON ALL-ALUMINUM-ALLOY KURB-SIDE
Weighs a Thousand Pounds Less—Carries a Half Ton More
Amazing Payload Space—Lighter—Stronger
Rust and Corrosion Resistant!
J. B. E. OLSON CORP.
Brooklyn 22, New York

Pacific Car & Foundry Co.
Vanette Div., Brooks & Perkins, Inc.

TRUCK CASTERS

See: Wheels and Casters (Truck, etc.)

TRUCK DOLLIES

See: Dollies

TRUCK PAINT

See: Paint

TRUCK RECORDERS

See: Recorders, Truck

TRUCK TIRES

See: Tires

TRUCK TUBS

See: Tubs, Truck

TRUCKS, INDUSTRIAL

Anderson Box & Basket Co., Inc.
Angle Steel Stool Co.
Buda Co.
Carll Sons, Chas. W.
Chatillon & Sons, John
Colson Corp.
Fairbanks Co.
Hamilton Caster & Mfg. Co.
Howe Scale Co.
International Engineering, Inc.
Kentucky Box & Truck Co.
Lane & Bros., Inc., W. T.

STYLE 48 DRYCLEANERS' SPECIAL TRUCK

Leebaw Mfg. Co.
Lesan-Shepard Products, Inc.
Market Forge Co.
McEnnoyl & Co., W. J.
Moore, Inc.
Menasha Wood Split Pulley Co.
Morse Mfg. Co.
Nutting Truck & Caster Co.
Rapids-Standard Co., Inc.
Steele Supply Co., Inc.
Time Savers, Inc.
Walton Truck Co.
White Machine Co., Inc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

TRUCKS, MOTOR

Chevrolet Motor Div., General Motors Corp.
Divco Corp.
Dodge Div., Chrysler Corp.
Federal Motor Truck Co.
Ford Motor Co.
GMC Truck & Coach Div., General Motors Corp.
International Harvester Co.
Lima Coach & Truck Div., Great American Industries, Inc.
Mack Trucks, Inc.
Marmon-Herrington Co., Inc.
Olson Corp., J. B. E.
Reo Motors, Inc.
Studebaker Corp.
Vanette Div., Brooks & Perkins, Inc.
White Motor Co.

TRY-COCKS

Lunkenheimer Co.
Wright-Austin Co.

TUBES, BOILER

See: Boiler Tubes

TUBES, WRAPPING

See: Wrapping Tubes—Flat Goods

TUBING, COPPER

Bridgeport Brass Co.
Chicago Metal Hose Corp.
Revere Copper & Brass, Inc.

TUBING, SEAMLESS, FLEXIBLE METAL

American Brass Co., American Metal Hose Branch
Eclipse-Pioneer Div., Bendix Aviation Corp.
Johnson Metal Hose, Inc.
Ronaflex Tubing Co., Inc.
Seamless Co., Inc.
Titeflex, Inc.

TUBING, SEAMLESS, MONEL, NICKEL AND NICKEL ALLOY

Eclipse-Pioneer Div., Bendix Aviation Corp.
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp.
International Nickel Co., Inc.

TUBING, SEAMLESS STEEL

Allegheny-Ludlum Steel Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Revere Copper & Brass, Inc.
Timken Roller Bearing Co.

TUBING, STAINLESS STEEL

Allegheny-Ludlum Steel Corp.
Berger Mfg. Div., Republic Steel Corp.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Timken Roller Bearing Co.
Titeflex, Inc.

TUBS, GALVANIZED

Cummings-Landau Laundry Machinery Co., Inc.
Rochester Can Co.

TUBS, SCRUB

American Laundry Machinery Co.
Bishop Co., G. H.
Chrisman Co., Inc., E. L.
Virginia Greenstone Co., Inc.

TUBS, STATIONARY, LAUNDRY TYPE

American Laundry Machinery Co.
Arrow Tank Co., Inc.
Cummings-Landau Laundry Machinery Co., Inc.
Virginia Greenstone Co., Inc.

TUBS, TRUCK

Bishop Co., G. H.
Cummings-Landau Laundry Machinery Co., Inc.
Industrial Laundry Machinery Co.
Lewis Co., G. B.
U. S. Hoffman Machinery Corp.

TUBS, WOOD

American Laundry Machinery Co.
Arrow Tank Co., Inc.
Cummings-Landau Laundry Machinery Co., Inc.
Stearns Lumber Co., A. T.

TUMBLER NETS

See: Nets, Laundry

TUMBLER PADS

See: Pads, Tumbler

TUMBLER PROTECTORS

See: Protectors, Tumbler

TUMBLERS, CLOTHES, LAUNDRY

American Laundry Machinery Co.
Chicago Dryer Co.
Ellis Dryer Co.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Huebsch Mfg. Co.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Marvel Mfg. Co.
Mercury Cleaning Systems, Inc.
National Dryer Mfg. Co.
Pantex Mfg. Corp.
Perry Machinery Corp., E. J.
Poland Laundry Machinery Co.
Prosperity Co., Inc.
Furkett Mfg. Co.
Standard Laundry & Cleaning Machinery Co.
Super Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

TUMBLERS, DRYCLEANING

American Laundry Machinery Co.
Butler Mfg. Co.
Gross Machinery Co., Inc.

GROSSAIRE TUMBLER
LOW PRESSURE DRYING WITH BUILT-IN LINT TRAP
- Eliminates Heat Wrinkles.
- Decreases Wool Shrinkage.
- Dries Faster than any other Tumbler Built.

GROSS MACHINERY CO., Inc.
179 Halbert St., Buffalo 14, N. Y.

Hammond Laundry-Cleaning Machinery Co.
Huebsch Mfg. Co.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Marvel Mfg. Co.
Mercury Cleaning Systems, Inc.
Mitchell Co., J. B.
National Dryer Mfg. Co.
National Machinery Corp.
Pantex Mfg. Corp.
Perry Machinery Corp., E. J.

E. J. PERRY CORP.
FALL RIVER, MASS.
Manufacturers of Drying Tumblers using steam or gas. For Drycleaning, Commercial and Self-Service Laundries.

Poland Laundry Machinery Co.
Standard Laundry & Cleaning Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
Famous "Dry-by-Air" TUMBLERS
Side Loading and Open-End Types
105 FOURTH AVENUE NEW YORK 3, N. Y.

TUMBLERS, FUR CLEANING

See: Fur Cleaning Tumblers

TUMBLER SIGNALS

Mitchell Co., J. B.
Radiant Drying Co.
Rosenthal Mfg. Co.

TUMBLERS, RUG CLEANING

Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.

TUMBLERS, SHAKE-OUT

American Laundry Machinery Co.
Furkett Mfg. Co.

TURBINE GENERATORS

See: Generators, Electric

TURBINE GOVERNORS

See: Governors, Turbine

TURBINE PUMPS

See: Pumps (under specific headings)

TURBINES, STEAM

Dean Hill Pump Co.
DeLaval Steam Turbine Co.
Elliott Co.
General Electric Co.
Worthington Pump & Machinery Corp.

TURKEY RED OIL

Apex Chemical Co., Inc.
Arnold-Hoffman & Co., Inc.
Gulf Oil Corp., Gulf Refining Co.
Riverside Chemical Co.
Standard Soap Co. of Camden
Wolf & Co., Jacques

TWINE

American Associated Companies
Bemis Bro. Bag Co.
Callaway Mills, Inc.
Diem & Wing Paper Co.
Loroco Industries, Inc.
McGrane Bros.
New York Twine Corp.
Southern Mills, Inc.
Spear Box Co., Inc.
Steinman Paper Co.

TYING DEVICES

See: Bundle Tyers

TYPEWRITERS

Remington Rand Co.

UNDERFEED STOKERS

See: Stokers

UNIFORM FABRICS

Nashua Mfg. Co.

UNIFORMS, COTTON, WOOLEN, WORSTED, etc.

Angelica Uniform Co.
Bostwick-Batterson Co.
Lion Uniform Co.
Shaw Uniform Co., Inc.
United Cotton Goods Co., Inc.

UNIT HEATERS

See: Heaters, Unit

UNLOADING EXTRACTORS

See: Extractors, Mechanical Unloading

UNLOADING WASHERS

See: Washers, Unloading

UPHOLSTERY SHAMPOOING MACHINES

Certified Equipment Co.
Continental Car-Na-Var Corp.
Hild Floor Machine Co.
Miller Co., A. O.
Multi-Clean Products, Inc.

UPHOLSTERY SHAMPOOING SOAPS

Allen & Vickers, Inc.
Caled Products Co., Inc.
Continental Car-Na-Var Corp.
Davies-Young Soap Co.
Hild Floor Machine Co.
Keystone Aniline & Chemical Co., Inc.
Kleemize, Inc.
Multi-Clean Products, Inc.
Proctor & Gamble Distributing Co.
Riverside Mfg. Co.
Spix Products Co.
Texas Soap Mfg. Corp.

USED MACHINERY

See: Machinery, Used and Rebuilt

VACUUM CLEANER, HAND

American Pressboard Co., Inc.
General Electric Co.
Ideal Industries, Inc.
Multi-Clean Products, Inc.

VACUUM CLEANERS, INDUSTRIAL

Allen Billmyre Div., Lamson Corp.
Brady Conveyors Corp.
Breuer Electric Mfg. Co.
Continental Car-Na-Var Corp.
Hild Floor Machine Co.
Holt Mfg. Co.
Huntington Laboratories, Inc.
Ideal Industries, Inc.
Invincible Vacuum Cleaner Mfg. Co.
Multi-Clean Products, Inc.
Roots-Connersville Blower Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Spencer Turbine Co.
Superior Rug Machinery Co.
U. S. Hoffman Machinery Corp.
United Vacuum Appliance Corp.

VACUUM CLEANERS, RUG AND CARPET

See: Rug and Carpet Cleaning Equipment

VACUUM PUMPS

See: Pumps, Vacuum

VACUUM PUMP, STEAM HEATING

See: Pumps, Vacuum, Steam Heating

VACUUM RECORDERS

See: Recorders, Vacuum

VACUUM REGULATORS

See: Controls and Regulators (Vacuum)

VACUUM STILLS

See: Stills

VACUUM SYSTEMS, PRESSES

Allen Billmyre Div., Lamson Corp.
Loyal Textile Machinery Corp.
Rema Corp.
Spencer Turbine Co.
U. S. Hoffman Machinery Corp.

HOFFMAN
AIR VACUUM SYSTEMS
Backed by Hoffman Press Experience
105 FOURTH AVENUE, NEW YORK 3, N. Y.

VACUUM TRAPS

See: Traps, Vacuum

VALVE CONTROLS

Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Hammel-Dahl Co.
Keckley Co., O. C.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Sterling, Inc.
Tagliabue Div., C. J., Portable Products Corp.

VALVE DISCS

Fairbanks Co.
Ohio Injector Co.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.

VALVE INDICATORS

See: Indicators, Valve

VALVE RESEATERS

Leavitt Machine Co.

VALVES, ANGLE

Crane Co.
Edward Valves, Inc.
Fairbanks Co.
Kunkle Valve Co.
Lunkenheimer Co.
Ohio Injector Co.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.
Sterling, Inc.
Walworth Co.

VALVES, AUTOMATIC

Automatic Temperature Control Co.
Bristol Co.
Burd Mfg. Co.
Chase Co., W. M.
David Regulator Co.
Edward Valves, Inc.
Golden-Anderson Valve Specialty Co.
Hammel-Dahl Co.
Huebsch Mfg. Co.
Johnson Corp.
Keckley Co., O. C.
Klipfel Mfg. Co.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Sterling, Inc.
Worthington Pump & Machinery Corp.

VALVES, BLOW-OFF

Crane Co.
Edward Valves, Inc.
Everlasting Valve Co.
Fairbanks Co.
Lunkenheimer Co.
McDonnell & Miller, Inc.
Ohio Injector Co.
Yarnall-Waring Co.

VALVES, BOILER NON-RETURN

Crane Co.
David Regulator Co.
Edward Valves, Inc.
Golden-Anderson Valve Specialty Co.
Lunkenheimer Co.
Keckley Co., O. C.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.
Ruggles Klingemann Mfg. Co.
Walworth Co.

VALVES, CHECK

Automatic Temperature Control Co., Inc.
Chase Brass & Copper Co.
Clark Mfg. Co.
Cochrane Corp.
Crane Co.
Edward Valves, Inc.
Fairbanks Co.
Kunkle Valve Co.
Lunkenheimer Co.
Ohio Injector Co.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.
Sterling, Inc.
Walworth Co.
Worthington Pump & Machinery Corp.

VALVES, COMPRESSED AIR

American Brake Shoe Co., Kellogg Div.
Automatic Temperature Control Co., Inc.
Crane Co.
Fairbanks Co.
Lunkenheimer Co.
Ohio Injector Co.
Westinghouse Air Brake Co., Industrial Div.

VALVES, CORROSION-RESISTANT

Ashton Valve Co.
Automatic Temperature Control Co., Inc.
Crane Co.
Edward Valves, Inc.
Everlasting Valve Co.
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp.
Ohio Injector Co.
U. S. Stoneware Co.
Walworth Co.

VALVES, ENGINE

Golden-Anderson Valve Specialty Co.
Keckley Co., O. C.

VALVES, FLOAT

Automatic Temperature Control Co., Inc.
Chase Co., W. M.
David Regulator Co.
D'Este Div. American Chain & Cable Co., Inc.
Defender Instrument & Regulator Co.
Golden-Anderson Valve Specialty Co.
Huebsch Mfg. Co.
Keckley Co., O. C.
Klipfel Mfg. Co.
McDonnell & Miller, Inc.
Northern Equipment Co.
Ruggles Klingemann Mfg. Co.
Spotswood Parker & Co.
Sterling, Inc.

VALVES, GATE

Chase Brass & Copper Co.
Crane Co.
Edward Valves, Inc.
Everlasting Valve Co.
Fairbanks Co.
Lunkenheimer Co.
Ohio Injector Co.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.
Walworth Co.
Worthington Pump & Machinery Corp.

VALVES, GLOBE

Chase Brass & Copper Co.
Crane Co.
Edward Valves, Inc.
Fairbanks Co.
Kunkle Valve Co.
Lunkenheimer Co.
Ohio Injector Co.
Reading, Pratt & Cady Div., American Chain & Cable Co., Inc.
Sterling, Inc.
Walworth Co.

VALVES, MOTOR-OPERATED

Automatic Temperature Control Co., Inc.
Bristol Co.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co.
Cochrane Corp.
Crane Co.
Cutler-Hammer, Inc.
David Regulator Co.
Edward Valves, Inc.
Foxboro Co.
Keckley Co., O. C.
Klipfel Mfg. Co.
Leslie Co.
Lunkenheimer Co.
Mason-Neilan Regulator Co.
Northern Equipment Co.
Ruggles Klingemann Mfg. Co.
Tagliabue Div., C. J., Portable Products Corp.
Walworth Co.

VALVES, PRESSURE AND REDUCING

Bailey Meter Co.
Cash Co., A. W.
Clark Mfg. Co.
Cochrane Corp.
Crane Co.
David Regulator Co.
Defender Instrument & Regulator Co.
D'Este Div. American Chain & Cable Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Golden-Anderson Valve Specialty Co.
Hammel-Dahl Co.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Klipfel Mfg. Co.
Kunkle Valve Co.
Leslie Co.
Marsh Corp., Jas. P.
Mason-Neilan Regulator Co.
Northern Equipment Co.
Powers Regulator Co.
Republic Flow Meters Co.
Ruggles Klingemann Mfg. Co.
Strong, Carlisle & Hammond Co.
Tagliabue Div., C. J., Portable Products Corp.
Westinghouse Air Brake Co., Industrial Div.

VALVES, REDUCING AND REGULATING

Bailey Meter Co.
Clark Mfg. Co.
Cochrane Corp.
David Regulator Co.
Defender Instrument & Regulator Co.
D'Este Div., American Chain & Cable Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Golden-Anderson Valve Specialty Co.
Hammel-Dahl Co.
Kaye & MacDonald, Inc.
Keckley Co., O. C.
Klipfel Mfg. Co.
Kunkle Valve Co.
Leslie Co.
Mason-Neilan Regulator Co.
Northern Equipment Co.
Powers Regulator Co.
Republic Flow Meters Co.
Ruggles Klingemann Mfg. Co.
Strong, Carlisle & Hammond Co.
Tagliabue Div., C. J., Portable Products Corp.
Walsh Packing Co.
Westinghouse Air Brake Co., Industrial Div.

VALVES, RELIEF

Anthony Co.
Ashton Valve Co.
Cash Co., A. W.
Cochrane Corp.
Crane Co.
Crosby Steam Gage & Valve Co.
D'Este Div., American Chain & Cable Co., Inc.
Eclipse-Pioneer Div., Bendix Aviation Corp.
Edward Valves, Inc.
Golden-Anderson Valve Specialty Co.
Johnston & Jennings Co.
Klipfel Mfg. Co.
Kunkle Valve Co.
Lunkenheimer Co.
McDonnell & Miller, Inc.
Ruggles Klingemann Mfg. Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

VALVES, SAFETY

Ashton Valve Co.
Crane Co.
Crosby Steam Gage & Valve Co.
Kunkle Valve Co.
Lunkenheimer Co.
Westinghouse Air Brake Co., Industrial Div.

VALVES, STEAM

Central Brass Mfg. Co.
Crane Co.
Dryco Corp.
Edward Valves, Inc.
Fairbanks Co.
Keeley Co., O. C.
Kunkle Valve Co.
Leslie Co.
Lunkenheimer Co.
Marsh Corp., Jas. P.
Ohio Injector Co.
Sterling, Inc.
Trane Co.
Walworth Co.
Webster & Co., Warren

VALVES, THERMOSTATIC

Automatic Temperature Control Co., Inc.
Frigidaire Div., General Motors Corp.
Klipfel Mfg. Co.
Leslie Co.
Marsh Corp., Jas. P.
Powers Regulator Co.
Ruggles Klingemann Mfg. Co.
Sterling, Inc.

VALVES, WASHWHEEL

Chase Co., W. M.
Huebsch Mfg. Co.
Walworth Co.

VALVES, WASHER DUMP

American Laundry Machinery Co.
Columbia Laundry Machinery Co.
Everlasting Valve Co.
Henrici Laundry Machinery Co.
Zephyr Laundry Machinery Co.

VALVES, WATER PRESSURE

Automatic Temperature Control Co., Inc.
Cash Co., A. W.
David Regulator Co.
D'Este Div. American Chain & Cable Co., Inc.
Golden-Anderson Valve Specialty Co.
Keeley Co., O. C.
Klipfel Mfg. Co.
Leslie Co.
Marsh Corp., Jas. P.
Mason-Neilan Regulator Co.
McDonnell & Miller, Inc.
Strong, Carlisle & Hammond Co.

VARIABLE SPEED TRANSMISSIONS

See: Transmissions, Variable Speed

VATS, METAL

Ohio Centrifugals Co.

VATS, WOOD

Arrow Tank Co., Inc.
Hall & Sons, Amos H.

VAULTS, FUMIGATING

Eagle Belting & Leather Co.
Gates Rubber Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Sarotta Co., Bernard

"V" BELT DRIVES

Gilmer Co., L. H., Div. United States Rubber Co.
Goodrich Co., B. F.
Link-Belt Co.
Wood's Sons Co., T. B.

"V" BELTING SHEAVES

See: Sheaves, "V" Belting

"V" DRIVE BELTING

See: Belting, "V" Drive

VELVET PRESS BOARDS

See: Press Boards

VELVET STEAMERS

See: Steamers, Velvet

VENETIAN-BLIND WASHERS

See: Washers, Venetian-Blind

VENTILATING FANS

See: Fans, Exhaust and Ventilating

VENTILATING SYSTEMS

American Coolair Corp.
Carli Sons, Chas W.
DeBothezat Fans Div., American Machine & Metals, Inc.
DeVilbiss Co.
Haertel Co., Walter
International Engineering Co.
Kirk & Blum Mfg. Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.

VENTILATORS

Aerovent Fan Co.
Carli Sons, Chas W.
DeBothezat Fans Div., American Machine & Metals, Inc.
Martin Fan & Blower Co.
Moore Co.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
Trane Co.
United Electric Motor Co.

VIBRATION ABSORBERS

See: Absorbers, Vibration

VOLTAGE REGULATORS

See: Controls and Regulators (under specific headings)

WALLS, FURNACE

See: Furnace Walls

WASHCLOTH REPLACEMENTS

See: Replacements, Sheets, Pillowcases, etc.

WASHER CYCLE CONTROLS AND REGULATORS

See: Timers, Washer

WASHER CYLINDERS, METAL

See: Cylinders, Metal

WASHER CYLINDERS, WOOD

See: Cylinders, Wood

WASHER DUMP VALVES

See: Valves, Washer Dump

WASHER-EXTRACTOR, COMBINATION

Fabric Laundry & Drycleaning Machinery Corp.
Harmon Products Corp.
Waterway Co.

WASHER-EXTRACTOR-DRIERS, DRYCLEANING

Hammond Laundry-Cleaning Machinery Co.
Martin Equipment Corp.

WASHER-EXTRACTOR-DRIER, LAUNDRY

Hammond Laundry-Cleaning Machinery Co.
Martin Equipment Corp.

WASHER-EXTRACTOR-DRIER, RUG CLEANING

Cleveland Rug Cleaning Machinery Co.
Martin Equipment Corp.

WASHER METERS

See: Meters, Washer

WASHERS, AUTOMATIC

Cummings-Landau Laundry Machinery Co., Inc.
Elis Drier Co.
Hammond Laundry-Cleaning Machinery Co.
Martin Equipment Corp.
Pellerin Milnor Corp.

WASHERS, AUTOMATIC, LAUNDRY

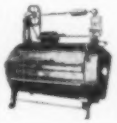
American Laundry Machinery Co.
Ayr-Mor Machinery Co.
Cummings-Landau Laundry Machinery Co., Inc.
Elis Drier Co.
Henrici Laundry Machinery Co.
Martin Equipment Corp.
Prosperity Co., Inc.
Robot Laundry Machinery Corp.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Waterway Co.

WASHERS, BLANKET

A. A. Laundry Machinery Co.
American Laundry Machinery Co.
Cohen & Son, Abe
Elis Drier Co.
Glover, Inc., Bill
Hammond Laundry-Cleaning Machinery Co.
Henrici Laundry Machinery Co.
Hopkins Equipment Co.
Pellerin Milnor Corp.
Prosperity Co., Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

WASHERS, DRYCLEANING, METAL

A. A. Laundry Machinery Co.
All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
Armstrong Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Butler Mfg. Co.
Cummings-Landau Laundry Machinery Co., Inc.
Fabric Laundry & Drycleaning Machinery Corp.
Gardner Machinery Corp.
Glover, Inc., Bill
Gross Machinery Co., Inc.


SIL-EX WASHER
ROLLER BEARING
EXTRACTORS
Black Metal, Streamlined Washer with "Chain Drive" and Motor-Belted. Better Cleaning through positive Agitation!
GROSS MACH. CO., INC.
179 Halbert St., Buffalo, N.Y.

Hammond Laundry-Cleaning Machinery Co.
Hercules Laundry Machinery Co., Inc.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Martin Equipment Corp.
Marvel Mfg. Co.
Mitchell Co., J. B.
National Machinery Corp.
Pantex Mfg. Corp.
Pellerin Milnor Corp.
Prosperity Co., Inc.
Standard Laundry & Cleaning Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.

HOFFMAN
"Ucon"—"Greyhound"—"Lo-Front"
24" to 54" Cylinder Diameters
105 FOURTH AVENUE, NEW YORK 3, N.Y.

Vic Cleaning Machine Co.
Western Laundry Machinery Co.
Zepher Laundry Machinery Co.

WASHERS, DRYCLEANING, WOOD

A. A. Laundry Machinery Co.
All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Billingsly Machinery Co.
Butler Mfg. Co.
Cummings-Landau Laundry Machinery Co., Inc.
Gross Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Hercules Laundry Machinery Co., Inc.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
National Machinery Corp.
Poland Laundry Machinery Co.
Standard Laundry & Cleaning Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Western Laundry Machinery Co.
Zepher Laundry Machinery Co.

WASHERS, LAUNDRY, METAL

A. A. Laundry Machinery Co.
All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
Cook Machinery Sales Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

Cummings-Landau Laundry Machinery Co., Inc.
Ellis Drier Co.
Fabric Laundry & Drycleaning Machinery Corp.
Gardner Machinery Corp.
Glover, Inc., Lill
Hammond Laundry-Cleaning Machinery Co.
Henrici Laundry Machinery Co.

HENRICI
STAINLESS STEEL WASHERS
Top-quality washers for any laundering or dyeing operation. Backed by 50 years of proven performance.
HENRICI LAUNDRY MACHINERY CO.
13 Henrici St. — Boston 26, Mass.
Affiliated with Chandler Machine Co., Ayer, Mass.

Imperial Laundry Machinery Co.
Indiana Mfg. Co.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Jensen Mfg. Co.
Kelley Iron Works
Martin Equipment Corp.
Mid-West Laundry Machinery Manufacturers
Miller Laundry Machinery Co.
Mitchell Co., J. B.
National Machinery Corp.
Pellerin Milnor Corp.
Prosperity Co., Inc.
Robot Laundry Machinery Co.
Smith, Drum & Co.
Standard Laundry & Cleaning Machinery Co.
Super Laundry Machinery Co.
Triplex Industries, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Waterway Co.
West Coast Laundry Machinery Co.
Western Laundry Machinery Co.
Zephyr Laundry Machinery Co.

WASHERS, LAUNDRY, WOOD

A. A. Laundry Machinery Co.
All-In-One Mfg. & Supply Co.
American Laundry Machinery Co.
B & G Machinery Co., Inc.
California Laundry Equipment Co.
Chicago Used & New Laundry Equipment Co.
Cummings-Landau Laundry Machinery Co., Inc.
Ewing & Sons, Inc., R.
Getzloff Laundry Machinery Co., Inc.
Hammond Laundry-Cleaning Machinery Co.
Industrial Laundry Machinery Co., Inc.
Industrial Mfg. Co.
Jensen Mfg. Co.
Marvel Mfg. Co.
Mid-West Laundry Machinery Manufacturers
Mitchell Co., J. B.
National Machinery Corp.
Poland Laundry Machinery Co.
Standard Laundry & Cleaning Machinery Co.
Talley Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
West Coast Laundry Machine Co.
Western Laundry Machinery Co.
Zephyr Laundry Machinery Co.

WASHERS, RUG

A. A. Laundry Machinery Co.
American Laundry Machinery Co.
Certified Equipment Co.
Cleveland Rug Cleaning Machinery Co.
Pellerin Milnor Corp.
U. S. Hoffman Machinery Corp.

WASHERS, STERILIZING

Henrici Laundry Machinery Co.
Pellerin Milnor Corp.
Prosperity Co., Inc.

WASHERS, UNLOADING

American Laundry Machinery Co.
Ellis Drier Co.
Miller Laundry Machinery Co.
Troy Laundry Machinery Div., American Machine & Metals, Inc.
U. S. Hoffman Machinery Corp.
Zephyr Laundry Machinery Co.

WASHER TIME INDICATORS

See: Indicators, Time

WASHING COMPOUNDS

See: Compounds, Washing

WASHROOM DETERGENTS

See: Soaps, Laundry

WASH-SUIT PRESSES

See: Presses, Wash-Suit

WASHWHEEL RECORDERS

See: Recorders, Washwheel

WASHWHEEL THERMOMETERS

See: Thermometers (under specific headings)

WASHWHEEL VALVES

See: Valves, Washwheel

WATCHMAN'S CLOCKS

See: Clocks, Watchman's

WATER ALARMS, HIGH AND LOW

See: Alarms, High and Low Water

WATER ANALYSIS EQUIPMENT

Elgin Softener Corp.
Hellige, Inc.
Infilco, Inc.
Magnus Chemical Co., Inc.
National Aluminate Corp.
Taylor & Co., W. A.

WATER CHLORINATORS

See: Chlorinators, Water

WATER COLUMNS

See: Columns, Water

WATER CONDITIONERS, CHEMICAL

American K.A.T. Corp.
Belco Industrial Equipment Div.
Calgon, Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Cochrane Corp.
Cowles Chemical Co.
Culligan Zeolite Co.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Infilco, Inc.
Keiste Products, Inc.
Liquid Conditioning Corp.
Magnus Chemical Co., Inc.
Merchants Chemical Co., Inc.
National Aluminate Corp.
Oshkosh Filter & Softener Co.
Permutit Co.
Pittsburgh Plate Glass Co., Columbia Chemical Div.
Rumford Div., Hercules Chemical Corp.
Theobald Industries

WATER CONDITIONERS, MECHANICAL

Belco Industrial Equipment Div.
Culligan Zeolite Co.
Electro Chemical Engineering Co., Inc.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Infilco, Inc.
Oshkosh Filter & Softener Co.
Permutit Co.
Refinite Corp.
Zero Water Softener Mfg. Co.

WATER COOLERS

See: Coolers, Oil, Water, Air

WATER DISTILLING EVAPORATORS

See: Evaporators, Water Distilling

WATER FEED SYSTEMS

See: Boiler Feed Systems

WATER FILTERS

Belco Industrial Equipment Div.
Cochrane Corp.
Dorco Industrial Corp.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Kane & MacDonald, Inc.
Kenney Softener & Filter Co.
Liquid Conditioning Corp.
Oshkosh Filter & Softener Co.
Permutit Co.
Refinite Corp.
Zero Water Softener Mfg. Co.

WATER GAUGES

See: Gauges, Water

WATER HEATERS

See: Heaters, Water

WATER LEVEL INDICATORS

See: Indicators, Water Level

WATER METERS

See: Meters, Water

WATER PRESSURE VALVES

See: Valves, Water Pressure

WATER-REPELLENT DIP TANKS

Devere Co.

A LOW COST PROFIT PRODUCER

The DEVERE SPEEDUX DIP-MASTER dips garments in water repellent solutions 2 to 4 times faster—produces profits 2 to 4 times greater.
Consider these features:
65 gallon capacity
3-way agitation
Combination Cover and Scrub Board
2 Models—Senior and Junior
Outside Control—Solution-Free Handling
Send for Descriptive Literature
DEVERE COMPANY
2004 Clark St., Racine, Wisconsin

Hopkins Equipment Co.

Hopkins WATER REPELLENT TANKS
Three types. Manual, automatic, and new attachment to permit use of synthetic washer for water repelling on the dry side with synthetic solvent. Write for bulletin.
HOPKINS EQUIPMENT CO., HATFIELD, PA.

Repel-O Products Div., North American Merchandising Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

WATER REPELLENTS

Adco, Inc.
Alrose Chemical Co.
Anderson-Campbell Corp.

USE **AQUA-PRUF***

The Modern Water Repellent
Spray or Dip Application
Protects Garments

AGAINST

RAIN — MILDEW — SNOW

Write for information

ANDERSON-CAMPBELL CORP.

*Reg. T.N. YONKERS, N. Y.

Apex Chemical Co., Inc.
Atlantic Stainproof Co.
Aqua-Sec
Caled Products Co., Inc.
Cravenette Co.
Davies-Young Soap Co.
DuPont de Nemours & Co., Inc., E. I.
Eaton Chemical & Dyestuff Co.
Emery Industries, Inc.
Franklin Research Co.
General Dyestuff Corp.
Germaclean, Inc.
Hardin Co., Inc., J. L.
Horn Co., Inc., A. C.
Infico, Inc.
Johnson & Son, Inc., S. C.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Merson Products Co.
National Cleaners Chemical Mfg. Co.
Paper Chemicals, Inc.
Perm-Aseptic Corp.
Resoto Laboratories
Spix Products Co.
Stainproof Mfg. Co.
Street & Co., Inc., R. R.
Warwick Chemical Co.
Wolf & Co., Jacques
Wolke Co., A. F.

WATER SOFTENERS

Alrose Chemical Co.
Beco Industrial Equipment Div.
C & C Water Softener Co.
Calgon, Inc.
Cochrane Corp.
Culligan Zeolite Co.
Drew & Co., Inc., E. F.
Elgin Softener Corp.
General Aniline & Film Corp., Special Products Sales Div.
General Dyestuff Corp.
Graver Tank & Mfg. Co.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Infico, Inc.
Kenney Softener & Filter Co.
Kohnstamm & Co., Inc., H.
Liquid Conditioning Corp.
Mathieson Chemical Corp.
North Coast Chemical & Soap Works
Permutit Co.
Refinite Corp.
Riverside Chemical Co.
Rumford Div., Heyden Chemical Corp.
Solvay Sales Div., Allied Chemical & Dye Corp.
Stover Water Softener Co.
Theobald Industries
Wyandotte Chemicals Corp.
Zero Water Softener Mfg. Co.

Water Softeners

Industrial—All sizes and types.
Your present equipment rebuilt and capacities increased.

Zero Water Softener Mfg. Co.
4985 Elston Ave., Chicago 30, Ill.

WATER SOFTENING EQUIPMENT

Beco Industrial Equipment Div.
Cochrane Corp.
Davis-Weil Mfg. Co.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Kenney Softener & Filter Co.
Kisco Boiler & Engineering Co.
Liquid Conditioning Corp.
Oshkosh Filter & Softener Co.
Permutit Co.
Refinite Corp.
Worthington Pump & Machinery Corp.
Zero Water Softener Mfg. Co.

WATER SOLVENT STILLS

See: Stills

WATER STORAGE HEATERS

See: Heaters, Water Storage

WATER SUPPLY PUMPS

See: Pumps, Water Supply

WATER SYSTEMS, HOT

See: Hot Water Systems

WATER TESTERS

See: Testers, Water

WATER TREATMENT, BOILER

See: Boiler Water Treatment

WATER TREATMENT CONTROL TEST EQUIPMENT

See: Water Analysis Equipment

WATER TREATMENT EQUIPMENT

Beco Industrial Equipment Div.
Cochrane Corp.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Heilige, Inc.
Hammond Laundry-Cleaning Machinery Co.
Hungerford & Terry, Inc.
Infico, Inc.
Liquid Conditioning Corp.
Magnus Chemical Co., Inc.
National Aluminate Corp.
Oshkosh Filter & Softener Co.
Permutit Co.
Refinite Corp.
Stomac Engineering Co., Inc.
Wallace & Tiernan Products, Inc.
Water Service Laboratories, Inc.
Zero Water Softener Mfg. Co.

WATERPROOF LEATHER BELTING

See: Belting, Waterproof Leather

WAX AND WAX PRODUCTS

American Associated Companies
Carman & Co., Inc.
Concord Chemical Co.
Continental Car-Na-Var Corp.
Crescent Chemical Div., Hood Chemical Co., Inc.
Davies-Young Soap Co.
DuPont de Nemours & Co., Inc., E. I.
Franklin Research Co.
Huntington Laboratories, Inc.
Innis, Speiden & Co.
Johnson Chemical Industries, Inc.
Keide Products, Inc.
Kohnstamm & Co., Inc., H.
Lewis National Corp.
Pittsburgh Waterproof Co.
Sponge Co.
Stadham Co., Inc.
Will & Baumer Candle Co., Inc.

WAX EMULSIONS

See: Emulsions, Wax

WAX, FLOOR

Adco, Inc.
Continental Car-Na-Var Corp.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
DuPont de Nemours & Co., Inc., E. I.
Franklin Research Co.
Hild Floor Machine Co.
Horn Co., Inc., A. C.
Huntington Laboratories, Inc.
International Metal Polish Co.
Kem Laboratories
Merson Products Co.
Multi-Clean Products, Inc.
North Coast Chemical & Soap Works
Phoenix Oil Co.
Riverside Chemical Co.
Sonneborn Sons, Inc., L.
Standard Oil Co.
Turco Products, Inc.
Wyandotte Chemicals Corp.

WAX, JAPAN

Concord Chemical Co.
Cooper & Co., Inc., T. G.
Innis, Speiden & Co.

WEARING APPAREL PRESSES

See: Presses, Wearing Apparel

WEAVING

See: Reweaving

WETCLEANING BRUSHES

See: Brushes

WETCLEANING DETERGENTS, SPECIAL

See: Detergents, Special Wetcleaning

WETCLEANING SOAPS

See: Soaps, Wetcleaning

WETCLEANING TABLES

Christman Co., Inc., E. L.
Columbia Appliance Corp.
Virginia Greenstone Co., Inc.
White Machine Co., Inc.

WETTING AGENTS

Adell Chemical Co., Inc.
Alrose Chemical Co.
American Aniline Products, Inc.
Apex Chemical Co., Inc.
Armour & Co.
Caled Products Co., Inc.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
Colgate-Palmolive-Peet Co.
Davies-Young Soap Co.
Davis-Weil Mfg. Co.
Drew & Co., Inc., E. F.
DuPont de Nemours & Co., Inc., E. I.
General Aniline & Film Corp., Special Products Sales Div.
General Dyestuff Corp.
Hercules Powder Co.
Keystone Aniline & Chemical Co., Inc.
Kohnstamm & Co., Inc., H.
Magnus Chemical Co., Inc.
Merchants Chemical Co., Inc.
Merson Products Co.
National Aniline Div., Allied Chemical & Dye Corp.
Patek & Co.
Pennsylvania Salt Mfg. Co.
Procter & Gamble Distributing Co.
Robins Co., G. S.
Solvay Sales Div., Allied Chemical & Dye Corp.
Standard Soap Co. of Camden
Street & Co., Inc., R. R.
Superior Products Co.
Takamine Laboratory, Inc.
Theobald Industries
Van Chemical Co.
Victor Chemical Works
Washine National Sands, Inc.
Wolf & Co., Jacques
Wolke Co., A. F.
Wyandotte Chemicals Corp.

WETWASH BAGS

See: Bags, Wetwash

WETWASH PAPER

See: Paper, Wetwash

WHEAT STARCH

See: Starch, Wheat

WHEELS AND CASTERS, TRUCK, etc.

Bassick Co.
Colson Corp.
Darnell Corp., Ltd.
Fairbanks Co.
Hamilton Caster & Mfg. Co.
Jarvis & Jarvis, Inc.
Market Forge Co.
Menasha Wood Split Pulley Co.
Newhouse Co.
Nutting Truck & Caster Co.
Payson Mfg. Co.
Rapids-Standard Co., Inc.
Time Savers, Inc.
U. S. Rubber Co.

WINDOW SIGNS AND VALANCES

See: Sales Promotion Material

WINDWHIP DRIERS

See: Driers, Windwhip

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

WIRE AND CABLE, INSULATED
Chase Brass & Copper Co.
General Electric Co.
U. S. Rubber Co.

WIRE BASKETS
See: Baskets, Wire

WIRE HANGERS
See: Hangers, Garment

WIRE STAPLES
See: Staples, Wire

WOOD BASKETS
See: Baskets, Wood

WOOD BOXES
See: Boxes, Wood

WOOD CYLINDERS
See: Cylinders, Wood

WOOD FOLDING BOXES
See: Boxes, Wood

WOOD HAMPERS
See: Hampers

WOOD HAND TRUCKS
See: Trucks, Industrial

WOOD HANGERS
See: Hangers, Garment

WOOD PAINT
See: Paint

WOOD RACKS
See: Racks (under specific headings)

WOOD TABLES
See: Tables, Wood

WOOD TANKS
See: Tanks, Wood

WOOD TRUCKS
See: Trucks, Industrial

WOOD TUBS
See: Tubs, Wood

WOOD VATS
See: Vats, Wood

WOOD WASHERS
See: Washers, Drycleaning, Wood, or Washers, Laundry, Wood

WOOL AND WORSTED UNIFORMS
See: Uniforms, Cotton, Woolen, Worsted, etc.

WOOLEN AND CURTAIN DRIERS
See: Driers, Woolen and Curtain

WOOLEN BLEACH
See: Bleach

WOOLEN SOAPS
See: Soaps, Silks and Woolens

WOVEN BELTING
See: Belting, Woven

WOVEN MARKING LABELS
See: Labels, Woven, Marking

WRAPPERS, PAPER
Loroco Industries, Inc.
Rosenthal Paper Co.
Spear Box Co., Inc.
Wescott Products Corp.

WRAPPERS, SHIRT
Phoenix Products Co.
Rosenthal Paper Co.
Spear Box Co., Inc.
Steinman Paper Co.
Wescott Products Corp.

WRAPPERS, TABLECLOTH
Spear Box Co., Inc.

WRAPPING DEVICES, AUTOMATIC
Rosenthal Mfg. Co.

WRAPPING PAPER
See: Paper, Wrapping

WRAPPING TUBES—FLAT GOODS
Spear Box Co., Inc.

WRENCHES, PIPE
Walworth Co.

WRINGERS, RUG AND CARPET
American Laundry Machinery Co.
Bertsch & Co., Inc.
Chief Mfg. Co.
Cleveland Rug Cleaning Machinery Co.
Superior Rug Machinery Co.
United Vacuum Appliance Corp.

ZEOLITE
Beico Industrial Equipment Div.
Cochrane Corp.
Culligan Zeolite Co.
Elgin Softener Corp.
Graver Tank & Mfg. Co.
Hungerford & Terry, Inc.
Infilco, Inc.
Kenney Softener & Filter Co.
Kisco Boiler & Engineering Co.
Liquid Conditioning Corp.
National Aluminate Corp.
Permutit Co.
Refinite Corp.
Research Products Corp.
Stover Water Softener Co.
Zero Water Softener Mfg. Co.

ZIPPER REPAIR AND EQUIPMENT SUPPLY
See: Fasteners, Slide, Repair Equipment and Tools

ZIPPERS
See: Fasteners, Slide

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

MR. *Drycleaner*—

If you are unable to find in this directory the buying information you are seeking, prompt attention will be given to your inquiry addressed to Buyers' Information

NATIONAL CLEANER & DYER
304 East 45th Street, New York 17

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

TRADE NAMES

products used in the drycleaning industry and their manufacturers

A

A-B, marking tags, Boston Clip & Tag Co.
AB, sock tag, Boston Clip & Tag Co.
ACLS, concentrated liquid stripper and reducing agent, Carman & Co., Inc.
ATC, controls and regulators, time switches, Automatic Temperature Control Co., Inc.
ABEST, cleaning machine, Abest Equipment Co.
ABSO-SOFT, water softener, Kosco Boiler & Engineering Co.
ACADEMY, digester, Chemical Sales Div., West Side Bag & Paper Co., Inc.
ACCELATOR, water softeners, Infilco, Inc.
ACE, drycleaning tumblers and solvent reclaimers, Ace Cabinet Corp.
ACE, stapler, staples, Ace Fastener Corp.
ACE, starch cookers, Hammond Laundry-Cleaning Machinery Co.
ACE OF HEARTS, red indelible ink, Boston Clip & Tag Co.
ACE OF SPADES, black indelible ink, Boston Clip & Tag Co.
ACETEX, sour, Crescent Chemical Div., Hood Chemical Co., Inc.
ACETI SOUR, sour for drycleaners, Standard Chemical Works Co.
ACKER EQUALIZER, tilting steam trap for steam drainage, boiler feeding and deaeration, W. M. Acker Organization, Inc.
ACME, folding box, Rosenthal Paper Co.
ACME, laundry soap and builders, powder, Acme Soap Co.
ACME F.O.T., fuel oil treatment, Acme Industrial Compounds Corp.
ACME SCALE OUT, boiler feed water treatment, Acme Industrial Compounds Corp.
ACME SOOT STOP, soot remover, Acme Industrial Compounds Corp.
ACOUSTOBRIGHT, acoustical paint, U. S. Gutta Percha Paint Co.
ACTICAB, odor, taste removal filter, Hungerford & Terry, Inc.
AC TREATMENT, anti-corrosion water treatment, Elgin Softener Corp.
ADAFT-O-MATIC, finishing machine, J. W. Steele & Co.
ADCO, detergent, rug shampoo, wet paste soap, Adco, Inc.
ADCO FUME, liquid gas fumigant, Adco, Inc.
ADCO SUDS, drycleaning soap, Adco, Inc.
ADD-A-UNIT, curtain stretcher, Rosenthal Mfg. Co.
ADD-A-UNIT, shirt sorting bins, Time Savers, Inc.
A. D. FLAME PROOFER, fire repellent, Huntington Laboratories, Inc.
ADJUSTA-FORM, steam-air finisher, Wichita Precision Tool Co., Inc.
ADJUSTIT, adjustable garment hangers, Hopkins Equipment Co.
ADSCO, expansion joints, steam traps, water heaters, American District Steam Co.
A. E. PERFECT SPREAD, stokers, American Engineering Co.
AERO, double collar support, J. W. Steele & Co.
AERO-MAGNETTE, circuit breaker, Heineman Electric Co.
AHCO PRODUCTS, bleaches, sulphonated and turkey red oil, Arnold-Hoffman & Co., Inc.
AIR CHIEF, truck tires, Mohawk Rubber Co.
AIRCON, continuous conditioning tumbler, American Laundry Machinery Co.
AIRCRAFT, drying tumbler, American Laundry Machinery Co.
AIRFORM, coat and jacket shapers, U. S. Hoffman Machinery Corp., Valetor Div.
AIR-LOK, cuff-drying hanger, R. D. Bussard & Son.
AIROCOOL, industrial gas burners, National Airoil Burner Co., Inc.
AIRTEMP, air-conditioning equipment, Chrysler Corp., The Airtemp Div.
AIRVENT, ventilating canopies for flatwork ironers, American Laundry Machinery Co.
AIRWAY, cuff cleaner, Kirk's Leather Cleaners
AIRWAY, laundry and hair removal type drier, American Laundry Machinery Co.
AIRXPEL, traps, Wright-Austin Co.
A-JACKS, controls and regulators, combustion stokers, Chicago Automatic Stoker Co.
AJAX, drycleaning, laundry presses, Western Laundry Press Co.
AJAX, scouring cleaners, Colgate-Palmolive-Peet Co.
AKAUSTAN, fire retardant, General Dyestuff Corp.
AKRO, garment bags, Akro Paper Co.
AKTIV, drain opener, Turco Products, Inc.
AKUSAKA, wax, T. G. Cooper & Co., Inc.
ALBANY, greases, oils, Adam Cook's Sons, Inc.
ALBAPHOR, textile whitener, Carlton Chemical Co., Inc.
AL-BEN, stain remover, Spix Products Co.
ALBONE, hydrogen peroxide, E. I. du Pont de Nemours & Co., Inc.
ALEMITE, lubricants and oils, lubricating equipment, Stewart-Warner Corp., Alemite Corp.
ALEMITE VERSATAL, spray equipment, Stewart-Warner Corp., Alemite Corp.
ALERT, boilers, Alert Engineering Products
ALERT, fire extinguishers, American-La France-Foamite Corp.
ALERT, watchmen's clocks, Detex Watchclock Corp.
ALFCO, fire extinguishers, American-La France-Foamite Corp.
ALFCOSPRAY, nozzles, American-La France-Foamite Corp.
ALFITE, carbon dioxide type fire extinguisher, American-La France-Foamite Corp.
ALFOAM, fire extinguishers, American-La France-Foamite Corp.
ALGONQUIN, soap, Lewis National Corp.
ALIZARINE, aniline dyes, American Aniline Products, Inc.
ALKALATE, laundry detergent, Diamond Alkali Co.
AL-KLOR, liquid drycleaning detergent, Davies-Young Soap Co.
ALKOLUBE, alkali, Washine National Sands, Inc.
ALKOSOL, alkali soap builder, Carlton Chemical Co., Inc.
ALLEGHENY METAL, stainless steel, Allegheny Ludlum Steel Corp.
ALLEN, electric steam generators, steam electric and electric irons, H. P. Cooper & Co.
ALLEN WALES, adding machines, National Cash Register Co.
ALLIED, promotional material, Allied Printing and Stationery Co., Inc.
ALLIGATOR, belt fasteners, belt cutters, Flexible Steel Lacing Company
ALL-IN-ONE, air-conditioning unit, Chrysler Corp., The Airtemp Div.
ALL-IN-ONE, drycleaning systems, filters, washers, All-In-One Mfg. & Supply Co.
ALL IN ONE, zipper repair kit, spotting gun, press clamp, sleeve formers, Newhouse Co.
ALL-PURPOSE, sour, Thompson-Hayward Chemical Co.
ALL-PURPOSE, starch, A. E. Staley Mfg. Co.
ALLSET, unit set forms, Egry Register Co.
ALL-STEEL, scales, Triner Scale & Mfg. Co.
ALLWAY, trouser shaper, Huebsch Mfg. Co.
ALLWEATHER, fire extinguisher, American-La France-Foamite Corp.
ALL WIRE, garment hangers, Star Service Hanger Div., L. A. Young Spring & Wire Corp.
ALMCON, automatic washing control, American Laundry Machinery Co.
ALRITE, pins, trays and tray cabinets, marking pens, Keyes-Davis Co.
ALROLENE 65, synthetic drycleaning detergent, Alrose Chemical Co.
ALROLENE 70, petroleum drycleaning detergent, Alrose Chemical Co.
ALROPEL, water repellents, Alrose Chemical Co.
ALROSENE 31, synthetic detergent, Alrose Chemical Co.
ALROSEPT, disinfectant, Alrose Chemical Co.
ALROSOL, wet or dry detergent, Alrose Chemical Co.
ALUMEX 50, 60, 70, high alumina firebrick, kiln liners, Mexico Refractories Co.
ALUMIKOTE, aluminum paint, Vita-Var Corp.
ALUMINOX, high luster aluminum paint, Subox, Inc.
ALUMINUM OILITE, bearings and parts, Chrysler Corp., Amplex Div.
ALVANOL, synthetic wetcleaning soap, Allen and Vickers, Inc.
ALVOR, oil control, Lunkenheimer Co.
AMACEL, acetate dyes, American Aniline Products, Inc.
AMAFORM, dyeing agent, American Aniline Products, Inc.
AMALAN, dyestuffs, American Aniline Products, Inc.
AMALIE, oils and greases, L. Sonneborn Sons, Inc.
AMANTHRENE, aniline dyes, American Aniline Products, Inc.
AMAPRO UNION, aniline dyes, American Aniline Products, Inc.
AMAZON, washing powder, Swift & Co.
AMAZONE, ozone generators, American Ozone Co.
AMBER FLAKES, neutral tallow soap, Procter & Gamble Distributing Co.
AMBER, all-metal sleeve board, sleeve press board, press clamp, steam iron stand, iron stand, iron rest, Amber Mfg. Co.
AMCO, ink and inked pads for numbering machines, American Numbering Machine Co.
AMERICAN, continuous towel cabinets, paper towel cabinets, Steiner Sales Co.
AMERICAN, curtain and blanket finishing equipment, American Laundry Machinery Co.
AMERICAN, drying and deodorizing cabinet, American Laundry Machinery Co.
AMERICAN, flatwork feeder and spreader, American Laundry Machinery Co.
AMERICAN, high-speed tumblers, American Laundry Machinery Co.
AMERICAN, laundry and drycleaning solid curb extractors, American Laundry Machinery Co.
AMERICAN, paint removing solvent, Adco, Inc.
AMERICAN, starch cookers, American Laundry Machinery Co.
AMERICAN, water meters, Buffalo Meter Co.
AMERICAN, wearing apparel, linen supply and other special purpose press units, American Laundry Machinery Co.
AMERICAN AIRCRAFT, tumblers, American Laundry Machinery Co.
AMERICAN AUTOMATIC, drycleaning tumblers, temperature controls, American Laundry Machinery Co.
AMERICAN BEAUTY, electric flatirons, American Electrical Heater Company
AMERICAN CASCADE, washers, American Laundry Machinery Co.
AMERICAN FORMATIC, shirt unit, American Laundry Machinery Co.
AMERICAN-LA FRANCE, fire extinguishers, American-La France-Foamite Corp.
AMERICAN MONARCH, washers, American Laundry Machinery Co.
AMERICAN MUROZA, feather cleaning and sterilizing system, American Laundry Machinery Co.
AMERICAN O. T., drycleaning extractor, American Laundry Machinery Co.
AMERICAN SUPER SPEED, tumblers, American Laundry Machinery Co.
AMERICAN SYSTEM, shirt conveyor and presses, American Laundry Machinery Co.
AMERICAN TYPE A, semi-automatic control, American Laundry Machinery Co.
AMERICAN VISIBLE, hand numbering machine, American Numbering Machine Co.
AMERICAN ZONE-AIR, feather reconditioning unit, American Laundry Machinery Co.
AMERICAN ZONE-AIR, laundry and drycleaning tumblers, American Laundry Machinery Co.
AMES, boiler engines, etc., Ames Iron Works

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

AMESTEAM, steam generator, Ames Iron Works
AMICO, extractors, U. S. Hoffman Machinery Corp.
AMINOL, drycleaning detergent, Trico Chemical Div. of Tri-State Equipment Co.
AMMOCIDE, laundry sterilizer, mildew preventative, Carlton Chemical Co., Inc.
AMORED TEX, extractor covers, Patek & Co.
AMPLISET, a type of free-vane air-operated controller, Bristol Co.
AMSCO, high flash Stoddard solvent, 140F solvent, special naphtha, American Mineral Spirits Co.
AMYLIN, laundry starches, National Starch Products, Inc.
ANDERSON, pipe line strainers, steam traps, V. D. Anderson Co.
ANGELICA, washable service apparel, Angelica Uniform Co.
ANOLITE, anhydrous emulsifier, R. R. Street & Co., Inc.
ANSUL, fire extinguishers, Ansul Chemical Co.
ANTHONY, strainers, pressure regulating and relief valves, Anthony Co.
ANTHONY NEBULYTE, gas, gas-oil, oil burners, torches, Anthony Co.
ANTI-CRUSH, double collar supports, J. W. Steele & Co.
ANTI-HYDRO, leather belt cement, Webb Belting Co.
ANTI-ROLL, checks rolling on flatwork ironers, H. Kohnstamm & Co., Inc.
ANTISEPTIN, active fungicide and germicide, Carman & Co., Inc.
APACHE, soap builder, Wyandotte Chemicals Corp.
APCO 140, flash naphtha, Anderson-Prichard Oil Corp.
APPLEGATE, indelible ink (silver base), laundry marking pens, linen marking machine (hand, foot and motor power), Applegate Chemical Co.
APPLICET, powdered aluminum acetate, Arnold-Hoffman & Co., Inc.
AQUA PROOF, water repellents, Anderson-Campbell & Co.
AQUASOL, paint, oil, grease spotter, A. F. Wolke Co.
ARABOL, starch, Arabol Mfg. Co.
ARBUTUS, soap, Minnesota Chemical Co.
ARC-HEAT, oil burners (steam atomizing), American Heat Corp.
ARCTIC CRYSTAL, all-tallow soap and granulated flakes, Colgate-Palmolive-Peet Co.
ARCTIC SYNTEX, synthetic detergents, Colgate-Palmolive-Peet Co.
ARIDEX, renewable water repellent, E. I. du Pont de Nemours & Co., Inc.
ARK BRAND, waterproof leather belting, Philadelphia Belting Co.
ARK-VAC, leather belting, Philadelphia Belting Co.
ARLAC PAWNEE, alkali, soap builder, Wyandotte Chemicals Corp.
ARM, phosphate and industrial chemicals, A. R. Maas Chemical Co.
ARMA, marking machines, daily delivery tags, loop tags, dispenser tags, day tags, Pittsburgh Tag Co.
ARMS, 1270, nylon, wool press cloth, Arms Textile Mfg. Co.
ARMSTRONG, humidifiers, strainers, traps, Armstrong Machine Works
ARRESTO-MOTH, mothproofing compound, Pennsylvania Salt Mfg. Co.
ASBESTALL, press covers, Gustin-Kramer Co.
ASSEYOR, pneumatic conveyor system, Brady Conveyors Corp.
ASSISTEX, concentrated drycleaning soap, Takamine Laboratory, Inc.
ATLANTIC, non-sour blue, Beach Soap Co.
ATLAS, extractor, Troy Laundry Machinery Div., American Machine and Metals, Inc.
ATLAS, truck bodies, Atlas Body Co.
ATLAS FIRE RETARDANT, flameproof agent, H. Kohnstamm & Co., Inc.
ATLAS GRAVITY FEEDER BACK, for flatwork ironers, Atlas Steel Products, Inc.
ATLAS MOISTURE CONTROL, for control of moisture retention in laundry extractors, Atlas Steel Products, Inc.
ATLAS RUST SOUR, sour, H. Kohnstamm & Co.
ATOMIC, drycleaning systems, wet washers, Hammond Laundry-Cleaning Machinery Co.
ATOMOL, drycleaning filter soap with antiseptic and mothproofing, A. F. Wolke Co.
ATTASOL, colloidal clay, Attapulgus Clay Co.
ATTORIS, for glaze and cleaning fluid, Bernard Cantia Co.
AUTOGRAPHIC, registers, business forms, Autographic Register Co.
AUTO-KLEAN, filter, Cuno Engineering Corp.
AUTO-LEVEL, boiler return system, Spotswood Parker & Co.
AUTO-LITE, gauges, indicating and recording thermometers, Electric Auto-Lite Co.
AUTOMATIC, lubricators, Victor Lubricator Sales Co.
AUTOMATIC, spray guns, OlsenMark Corp.
AUTOMATIC PALLET LOADER, automatic stacking of cartons, Lamson Corp.
AUTO-PER, complete drycleaning unit, Vic Cleaning Machine Co.
AUTOSET, a type of free-vane air-operated controller, Bristol Co.
AVACHLOR, drycleaning soap for synthetic solvents, Allen and Vickers, Inc.
AVAGLO 20, drycleaning soap, Allen and Vickers, Inc.
AVEE, dry spotter, wet spotter, rug soap, upholstery cleaner, hat cleaning soap, hat sizing, Allen and Vickers, Inc.
AXIAL-FLOW, exhaust fan, DeBothezat Fans Div., American Machine and Metals, Inc.
AXIFLO, exhaust fan, Sturtevant Div., Westinghouse Electric Corp.
AYR-MOR, automatic washers, drycleaning systems, Ayr-Mor Machinery Co.
AXTEX, first quality, stiff mud firebrick, Mexico Refractories Co.

B

B & G, all types of conveyors, B & G Machinery Co.
B.N.B., collar support, clasp, loop, J. W. Steele & Co.
B-X, bloodstain remover, John F. Lynch Co.
BADGER, break powder, Minnesota Chemical Co.
BADGER, flakes, granulated soap, Colgate-Palmolive-Peet Co.
BAFFLE-CRETE, for monolithic baffle construction, Mexico Refractories Co.
BAHNSON, centrifugal humidifier, Bahnson Co.
BALANCED DRIVE, washers, Troy Laundry Machinery Div., American Machine and Metals, Inc.
BALL POINT, net pins, Key-Tag Checking System Co.
BALSAM-WOOL, blanket insulation, Wood Conversion Co.
BAND BOX, synthetic solvent drycleaning systems, Band Box Corp.
BANNER BAND, button, buckle, pinking, fluting, pleating, darning machines, Maxant Button & Supply Co.
BANTAM, autographic registers, Autographic Register Co.
BANTAM, net, Southern Mills, Inc.
BARCO, flexible steam revolving and swing joints, Barco Mfg. Co.
BARRELED SUNLIGHT, enamels, paints, varnishes, U. S. Gutta Percha Paint Co.
BASSICK, castors, wheels, Bassick Co.
BEACHRITE, built soap, Beach Soap Co.
BEATS-ALL, covers, nets, padding, Tingue, Brown & Co.
BEAUTY BLUE, blues, Speare Co.
BEEHIVE, spring padding, Western Laundry Press Co.
BECO-TURNER, boiler baffles, Fibrico Jointless Firebrick Co.
BELCO, water softeners, Belco Industrial Equipment Div.
BELCOLITE, zeolite, Belco Industrial Equipment Div.
BEL-JO, starch, A. E. Staley Mfg. Co.
BELLMASTER, mechanical pipe joint for cast iron pipe, Dresser Mfg. Div., Dresser Industries, Inc.
BELMONT, gaskets, packings, Belmont Packing & Rubber Co.
BELT-ZIP, belt hanger, Para-Lux Products Co.
BENDIX, seamless flexible metal hose, Eclipse-Pioneer Div., Bendix Aviation Corp.
BENDOVER, cuff fasteners, A. Kimball Co.
BENSAPOL, scouring agent, Jacques Wolf & Co.
BENZOCARDINOLE OXO, detergent, Apex Chemical Co., Inc.
BERGER, metal lockers, shelving, cabinets, bins, Republic Steel Corp.
BERKSTRIP, stripper, Stadham Co., Inc.
BERKSUDS, synthetic detergent, Stadham Co., Inc.
BERLOU, mothproofing agent, Berlou Mfg. Co.
BERSONITE, built soaps, Stadham Co., Inc.
BESLER, steam generators, superheaters, Besler Corp.
BESTOS, asbestos covers, padding, Tingue, Brown & Co.
BEST YET, cellophane ribbon, cotton twines, New York Twine Corp.
BIFURCATOR, duct fan, DeBothezat Fans Div., American Machine and Metals, Inc.
BIG BEHN, wood laundry washers, Chicago Used & New Laundry Equipment Co.
BIG CHIEF, laundry nets, Southern Mills, Inc.
BIG 4, stripper, Eaton Chemical and Dyestuff Co.
BIG HORN, bentonite clay, Wyotana Mining Co.
BIG HORN WYOMING, colloidal clay, Wyotana Mining Co.
BIG INCH, pressure-sensitive tape dispensers, Better Packages, Inc.
BILLBORD, printed trouser guards, Garment Hanger Co.
BILLINGSLY, extractors, filters, washers, Billingsly Machinery Co.
BIONOLS, germicides, General Dyestuff Corp.
BIOPALS, germicidal detergents, General Dyestuff Corp.
BISHOP, laundry, drycleaning production equipment, G. H. Bishop Co.
BISONITE, plastic coating, Washine National Sands, Inc.
BIXLER, conveyors, National Marking Machine Co.
BLACK LINE, knitted padding, Minnesota Chemical Co.
BLACK MAGIC, pipe sealing compound, gasket cement, Bowser, Inc.
BLACKMER, rotary hand and power pumps, Blackmer Pump Co.
BLACK OUT, ink remover, J. L. Hardin Co., Inc.
BLANCH-STIK, stain remover, Keystone Aniline & Chemical Co., Inc.
BLANCO, all fabric stripper, Keystone Aniline & Chemical Co., Inc.
BLANKETMASTER, blanket washing machine, Hopkins Equipment Co.
BLAZE-PRUF, flameproofer, Crossland Mfg. Co., Inc.
BLENDSOL, drycleaning soap, R. R. Street & Co., Inc.
BLOOD-MUV, stain remover, Package Chemical Co., Inc.
BLOOD-SOL, blood remover, Murphy Sales Co.
BLUD-X, concentrated liquid enzyme, Huntington Laboratories
BLUE BELL, blue, H. Kohnstamm & Co., Inc.
BLUE BONNET, blue, H. Kohnstamm & Co., Inc.
BLUE-EDGE, aprons, wetwash bags, Lewis National Corp.
BLUE LABEL, tallow soap, Beach Soap Co.
BLUE LINE, collar supports, hangers, shirt bands, necktie hangers, Lonco Industries, Inc.
BLUE RIBBON, laundry nets, Southern Mills, Inc.
BLUE RIBBON, polishes, waxes, International Metal Polish Co.
BLUE RIDGE, leather belting, waterproof leather belting, Charlotte Leather Belting Co.
BLUE STAR, feed ribbons, L. H. Gilmer Co., Div. U. S. Rubber Co.
BLUE STREAK, nylon nets, Whitehouse Products, Inc.
BLUE STRIPE, cover cloth, padding, William E. Hooper and Sons
BLUFIXE, sour, H. Kohnstamm & Co., Inc.
BLUFIXE EXTRA-SOLUABLE, sour, H. Kohnstamm & Co., Inc.
BLUREX, sour, Crescent Chemical Div., Hood Chemical Co., Inc.
BLUTONE, liquid blue, E. F. Drew & Co., Inc.
BOCK, drycleaning, laundry extractors, Bock Laundry Machine Co.
BOCONIZE, mothproofing compound, Bocon Chemical Co.
BOGUE, motors, generators, Belco Industrial Equipment Div.
BOILA KLEEN, boiler compound, Patek & Co.
BOILER-SAN, boiler compound, Huntington Laboratories, Inc.
BOILER SOLDER SEAL, metallic powder for boiler repairs, Radiator Specialty Co.
BONASOL, textile dyeing assistants, American Aniline Products, Inc.
BONIS, fur drum, fur sewing machine, Bonis Bros. Fur Machinery Corp.
BOOSTER, shirt unit, Unipress Co., Inc.
BOROCHLOR, liquid bleach, H. Kohnstamm & Co., Inc.
BOSTITCH, cuff tackers, stapling machine, staples, Bostitch, Inc.
BOWNER, stills, filters, Bowner, Inc.
BRANFORD, oil burners, Malleable Iron Fittings Co.
BREAK-AID, solvent pine oil, Thompson-Hayward Chemical Co.
BREAK-O, break powder, Swift & Co.
BREAK-PHOS, soap regenerator, Thompson-Hayward Chemical Co.
BREAKSYN, break detergent, E. F. Drew & Co., Inc.
BRESLER, controls, Bresler Engineering Service
BREX, break compound, Proctor & Gamble Distributing Co.
BRIDGEPORT, copper water tubing, Bridgeport Brass Co.
BRIGHTGLO, wetcleaning detergent, Merson Products Co.
BRILLIANTONE, sour, G. S. Robbins & Co.
BRILLO, press pads, Brillo Mfg. Co., Inc.
BRINTO, multiple spline socket set screws, hollow head cap screws, Bristol Co.
BRISTOL, starch, H. Kohnstamm & Co., Inc.
BRISTOL'S, instruments, Bristol Co.
BRITE, paste drycleaning soap, Keystone Aniline & Chemical Co., Inc.
BRITEX, sours, powdered soap, Van Chemical Co.
BRITEWHITE, laundry blue, Washine National Sands, Inc.
BRI-TONE, drycleaning concentrate, Spix Products Co.
BRIZENE, drycleaning soaps, Patek & Co.
BROWN EDGE, pads and padding, press and ironer, John T. Stanley Co., Inc.
BROWNELL, boilers, heat exchangers, stokers, Brownell Co.
BRUNNER, air compressors, air conditioners, refrigeration condenser, Brunner Mfg. Co.
BRUSH-AWAY, hand-brushing drycleaning soap, Bacochem Products Co.
BRUSHBENE, hand-brushing soap, Keystone Aniline & Chemical Co., Inc.
BRUSH-KLEEN, brushing soap, Adco, Inc.
BRUSH-OUT, drycleaning soap, Caled Products Co., Inc.
BRYAN, boilers, Bryan Steam Corp.
B-25, soap builder, Speare Co.
BUCKEYE, drycleaning washer, American Laundry Machinery Co.
BUCKEYE, soaps, spotters, suede leather dressing, water repellent, paint, rug and upholstery shampoo, Davies-Young Soap Co.
BUCKEYE KLOR-LENE, spotter, Davies-Young Soap Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

BUCKEYE ZYMATIC, digestive spotter, Davies-Young Soap Co.
BUDA, industrial trucks, Buda Co.
BUFF, alkali compound, special detergents, E. F. Drew & Co., Inc.
BUFFALO, extractor, filter, still, Gross Machinery Co., Inc.
BULLDOG, nylon laundry nets, X. S. Smith, Inc.
BUMANOL, albuminous stains and blood remover, Spix Products Co.
BUNN, bundle tying machine, B. H. Bunn Co.
BURBAK, cotton padding, Pittsburgh Waterproof Co.
BURMOL, stripper, Keystone Aniline & Chemical Co., Inc.
BUROMIN, boiler water treatment, Hagan Corp.
BURROUGHS, accounting, adding, bookkeeping, calculating, cash registering machines, business machine supplies, Burroughs Adding Machine Co.
BUTLER, boiler water treatment, mechanical descaler, Butler Engineering Co.
BUTTLER, drycleaning plant equipment, Butler Mfg. Co.
BUTTON-NO-BUTTON, loop and clasp, J. W. Steele & Co.

C

C-H, electrical equipment, Cutler-Hammer, Inc.
CL, hydraulic and unloading extractors, ironer additions, linen counters, metal and wood cylinders and shells, metal and wood washers, Commings-Landau Laundry Machinery Co., Inc.
CMH, expansion joints, Chicago Metal Hose Corp.
C & S, cleansing powder, Swift & Co.
CALECO, drycleaning, laundry, starch extractors, wood laundry washer, wood cylinders, California Laundry Equipment Co.
CALGON, detergents, metaphosphate, rug cleaning and finishing compound, sizings, sodium metaphosphate, solvent, lime soap, water conditioners, chemical water softeners, Calgon, Inc.
CALICO, medium-titer built soap, Procter & Gamble Distributing Co.
CALLANET, knitted nylon nets, Callaway Mills, Inc.
CALSILITE, pipe covering blocks, Ruberoid Co.
CAL-SOAP, drycleaning soaps, Caled Products Co., Inc.
CAMBRIDGE, electrical and mechanical precision instruments, Cambridge Instrument Co., Inc.
CAMELFORMS, laundry shells, Campbell Box & Tag Co.
CAMELTAGS, laundry tags, Campbell Box & Tag Co.
CAMEO, starch, A. E. Staley Mfg. Co.
CAMERON, pumps, Ingersoll-Rand Co.
CAMPBELL MICRONETIC, water and signal alarms, J. A. Campbell Co.
CANTON, stokers, Canton Stoker Corp.
CAPITAL, marking tags, U. S. Marking Tag Company.
CAPITAL, posters, display frames, inserts, Capital Poster Service.
CAPITOL, paint and grease remover, Allen and Vickers, Inc.
CARBEX, silicon carbide super-refractory brick, McLeod & Henry Co., Inc.
CARBIDE METHANOL, alcohol, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CARBITOL, solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CARBOCIDE, spot remover, Ecclestone Chemical Co.
CARBON-TET, synthetic cleaning fluid, E. I. du Pont de Nemours & Co., Inc.
CARBOSOL, soap, H. Kohnstamm & Co., Inc.
CARBO SOUR, laundry chemical, Diamond Alkali Co.
CARBOXIDE, fumigant, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CARCO, marking machine ink, type cleaner, ink thinner, Carman & Co., Inc.
CARCO, press head cleaner, Carman & Co., Inc.
CARCO, wire hangers, trouser guards, Carman & Co., Inc.
CARCODERM, hand lotion for drycleaners, Carman & Co., Inc.
CARCOFLEX, plasticizing agent for plastic or resin-treated fabrics, Carman & Co., Inc.
CARCOLENE, general spotter, Carman & Co., Inc.
CARCO SOURS, neutralizing agents, Carman & Co., Inc.
CARCOSUDS, rug shampoo, Carman & Co., Inc.
CARCOVAN, light truck body, Pacific Car & Foundry Co.
CARDING, wire hooked bristle brush, American Pressboard Co., Inc.
CARDOGRAPH, addressograph machine, Addressograph-Multigraph Corp.
CAREYCLAD, roof roating, Philip Carey Mfg. Co.
CAREYCRETE, mastic flooring, Philip Carey Mfg. Co.
CAREYDUCT, asbestos duct, Philip Carey Mfg. Co.
CAREY'S SALT, salt tablets, dispensers, Carey Salt Co.
CAREYSTONE, asbestos-cement roofing, siding, Philip Carey Mfg. Co.
CARLL metal products, Chas. W. Carll Sons
CARLTONITE, synthetic detergent laundry washing compound, Carlton Chemical Co., Inc.
CARMAN, indelible pen ink, Carman & Co., Inc.
CARMANETS, nylon nets, Carman & Co., Inc.
CAR-NA-CRETE, concrete paint, Continental Car-Na-Var Corp.
CAR-NA-KLEEN, floor cleaner, Continental Car-Na-Var Corp.
CAR-NA-LAC, self-polishing heavy duty floor wax, Continental Car-Na-Var Corp.
CAR-NA-SEAL, phenolic resin seal for wood and porous floors, Continental Car-Na-Var Corp.
CAR-NA-VAR, upholstery and carpet cleaning machine, liquid spirit wax requiring buffing, Continental Car-Na-Var Corp.
CARRIER, air-conditioning, heating, refrigerating systems, Carrier Corp.
CARVEL, nylon covering, press covers, Carman & Co., Inc.
CARVER, centrifugal pumps, Carver Pump Co.
CASCADE, mechanical unloading washer, laundry washers, automatic washing control, American Laundry Machinery Co.
CASCADE, nets, H. Kohnstamm & Co., Inc.
CASH'S, woven names, labels, markers tape, J. & J. Cash, Inc.
CASH'S NO-SO CEMENT, labels, markers, tape, J. & J. Cash, Inc.
CASH STANDARD, valves, regulators, A. W. Cash Co., Inc.
CAST-REFRACT, refractory materials, Quigley Co., Inc.
CATERPILLAR, diesel engines, Caterpillar Tractor Co.
CAU-FLAN, flannel cotton pads, X. S. Smith, Inc.
CAUSUL, gate valve, Lunkenheimer Co.
CEDAR SHIELDS, storage bags, Rassenfoss Bag Co., Inc.
CEGLIN, finish for textiles, Sylvania Industrial Corp.
CELANESE, dyes, American Aniline Products, Inc.
CELA-SOL, paint remover, National Cleaners Chemical Mfg. Co.
CELATINT, tints for acetate yarn, American Aniline Products, Inc.
CELECTRAY, photoelectric pyrometer, C. J. Tagliabue Div., Portable Products Corp.
CELITE, filter aids (diatomaceous silica), Johns-Manville.
CELLONIZE, sizing, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CELLOSOLVE, solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CELLOSOPE, drycleaning soaps, J. L. Hardin Co., Inc.
CELOFORM, spotter, Keystone Aniline & Chemical Co., Inc.
CEMENTKOTE, cement, brick paint, Tropical Paint & Oil Co.
CENTURY, motors, generators, Century Electric Co.
CENTURY BRAND, sodium perborate, Eaton Chemical and Dyestuff Co.
CERFAK, detergents, E. F. Houghton & Co.
CERTI-CIDE, demothing liquid, Certified Chemical Co.
CERTI-FOAM, upholstery cleaner, Certified Chemical Co.
CHACE, automatic washer valves, W. M. Chace Co.
CHALLENGER, stokers, Link-Belt Co.
CHAMBERS, laundry and drycleaning extractors, Chambers Extractor Co.
CHAMPION, laundry nets, John T. Stanley Co., Inc.
CHAMPION, Monel press pad, Resillo Co.
CHAMPION, paste wetcleaning soap, G & G Chemical Co.
CHAMPION, water heaters, Crane Co.
CHAMPION CASCADE, laundry washer, American Laundry Machinery Co.
CHANDLER, cooling units, for vault conditioners, Chandler Sales & Service Co.
CHANDLER, pleating, darning, button sewing machines, fliters, thread, Chandler Machine Co.
CHASE, brass and copper products, Chase Brass & Copper Co.
CHAT, detergent, General Aniline & Film Corp., Special Products Sales Div.
CHATILLON, scales, trucks, John Chatillon & Sons
CHEVCO, belt cleaner, Samuel Chevlin Co., Inc.
CHEVROLET, motor trucks, Chevrolet Motor Div., General Motors Corp.
CHEX, laundry mildewproofing agent, Cidex Corp.
CHEXIT, unit system for production control, Carman & Co., Inc.
CHIC, sizing for wetcleaning, Patek & Co.
CHICAGO, laundry machinery, Chicago Dryer Co.
CHICAGO, pearl buttons, Chicago Pearl Button Co.
CHICAGO, stokers, Chicago Automatic Stoker Co.
CHICO, alkali soap builder, Wyandotte Chemicals Corp.
CHIEF, rug equipment, Chief Mfg. Co.
CHIEF, truck tires, Mohawk Rubber Co.
CHIEF 20, handkerchief ironer, Huebsch Mfg. Co.
CHIEF 25, handkerchief, napkin ironer, Huebsch Mfg. Co.
CHINALINE, quick-drying enamel, U. S. Gutta Percha Paint Co.
CHLORASOL, fumigant, Carbide and Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CHLORESCO, bleach (calcium hypochlorite), Cowles Chemical Co.
CHLOREX, chlorinated solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
CHLOR-O-CEL, sweetener, filter powder, Johns-Manville
CHLOROSCOPE, drycleaning soap, J. L. Hardin Co., Inc.
CHLORO-SUB, grease remover, G & G Chemical Co.
CHLOROWAX 40, liquid chlorinated paraffin, Diamond Alkali Co.
CHLOROWAX 70, resinous chlorinated paraffin, Diamond Alkali Co.
CHOCTAW, soap builder, Wyandotte Chemicals Corp.
CHROMIX, refractory material, Quigley Co., Inc.
CHROMOTEX, detergent for rug cleaning in the plant, Mathieson Chemical Corp.
CHRYSLER-AIRTEMP, furnaces, boilers, heaters, stokers, Chrysler Corp., Airtemp Division
CIDEX, mildew preventative, deodorant, mothproofing agent, Cidex Corp.
CIMCO, cement applied to inner surface of tank, Ford Tank Maintenance Co.
CINCH, prespotter, Caled Products Co., Inc.
CINO, carpet binding, Fleischer Mills, Inc.
CINO, cloth marking tags, black marking ink, Fleischer Mills, Inc.
CINO, laundry, drycleaning tags, Fleischer Mills, Inc.
CISSELL, cuff brusher, boards, driers, irons, W. M. Cissell Mfg. Co., Inc.
CLAIRANESE, cover cloth, Lewis National Corp.
CLARCO, unit heaters, Clarage Fan Co.
CLARK, fluid controls, Clark Mfg. Co.
CLARK 60, traps, valves, Clark Mfg. Co.
CLEANCUT, punkers, Maxant Button & Supply Co.
CLEAN-O-SHINE, liquid floor cleaner, Continental Car-Na-Var Corp.
CLEANSERTAG, marking tag material, Hollingsworth & Vose Co.
CLEANSER TAGS, tags for cleaners, Sidney A. Cizek.
CLEARO, stripper, Carman & Co., Inc.
CLEARSIZE, laundry starch, National Starch Products, Inc.
CLEARTEX, laundry starch, National Starch Products, Inc.
CLEAVER-BROOKS, steam generators, boilers, Cleaver-Brooks Co.
CLEERZOP, wetcleaning soap, Package Chemical Co., Inc.
CLEVELAND, rug and laundry machinery, Cleveland Rug Cleaning Machinery Co.
CLEVE-O-CEMENT, under-floor covering and resurfacing material, Midland Paint & Varnish Co.
CLIMATE CHANGER, unit air conditioners, Trane Co.
CLINTON, rug sizing, Clinton Foods Inc.
CLINTON 5L, thick boiling starch, Clinton Foods Inc.
CLIP-A-TAPE, gummed tape dispenser, Ideal Stencil Machine Co.
CLIPPER, belt lacing equipment, belt cutters and fasteners, Clipper Belt Lacer Co.
CLIX, belt organizer, Time Savers, Inc.
CLOMAK, balanced detergent, Wyandotte Chemicals Corp.
CLOPAY, hanger protectors, dress guards, Clopay Corp.
CLOPAY SANITEX, garment storage bags, Clopay Corp.
CLOR, bleach, Pennsylvania Salt Mfg. Co.
CLOROX, bleach, Clorox Chemical Co.
COAGULATOR, rapid combination mixing chamber and settling basin, Hungerford & Terry, Inc.
COATES, electric boiler, Coates Electric Mfg. Co.
COAT-SEAL, interior wall coating, Steelcote Mfg. Co.
CO-AXIAL-FLO, filter, Zephyr Laundry Machinery Co.
COBECO, leather belting, cement, Cornell Belting Co.
COCALENE, liquid wetcleaning soap, Wonder Wash Corp.
COCHECO, flat leather belting, belt cement, I. B. Williams & Sons
COCHRANE, steam power plant equipment, Cochrane Corp.
COCONUT OIL, paste soap, National Cleaners Chemical Mfg. Co.
COCOZOP, coconut oil, wetcleaning paste soap, Package Chemical Co., Inc.
COLCOT, press padding flannel, Southern Mills, Inc.
COLDWATER NAPTEX, laundry soap, E. F. Drew & Co., Inc.
COLD WATER NOKOMIS, powdered soap, Minnesota Chemical Co.
COLD WATER OZONITE, cold water soap, Procter & Gamble Distributing Co.
COLD WATER SOL SUDS, soap, Lewis National Corp.
COLGATE FORMULA 10, 20, 25, 33, 40, neutral soap flakes and granulated built soap, Colgate-Palmolive-Peet Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

COLGATE KWIKSOLVE, laundry soap, Colgate-Palmolive-Peet Co.
COLLARIGHT, collar ironer, shirt folding machine, Key-Tag Checking System Co.
COLLA-RITES, collar supports, M. H. Gronauer Co.
COLLAR-SMOOTH, collar smoother, Collar Smooth Sales Co.
COLONIAL, blue, Superior Products Co.
COLOREX, stripping agent, Stauffer Chemical Co.
COLORFIXE, sour, H. Kohnstamm & Co., Inc.
COLORFLEX, leather dyes, Eaton Chemical and Dyestuff Co.
COLORGO, powdered stripping agent, A. L. Wilson Chemical Co.
COLORSOUT, powder color stripper, Washine National Sands, Inc.
COLOR SPARK, break powders, Wyandotte Chemical Corp.
COLORSUDS, low temperature soap, H. Kohnstamm & Co., Inc.
COLORTOP, non-renewable plug fuses, Trico Fuse Mfg. Co.
COLORZOUR, sour, Washine National Sands, Inc.
COLOVOLT, fluorescent lamps, fixtures, General Luminescent Corp.
COLSON, wheels, casters, trucks, Colson Corp.
COLUMBIA, activated carbon, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
COLUMBIA, blindstitch machines, Columbia Sewing Machine Corp.
COLUMBIA, boilers, Columbia Boiler Co.
COLUMBIA, detergents, chemicals, Pittsburgh Plate Glass Co., Columbia Chemical Div.
COLUMBIA, drycleaning extractors, used and rebuilt machinery, puff irons, valves, Columbia Laundry Machinery Co.
COLUMBIA, drycleaning unit, solvent saver, Columbia Appliance Corp.
COMBINATION OFFSET, silk finishing press, Excelsior Machinery Co.
COMBINER CLIPS, assembling clips, Larton Products Co., Inc.
COMBINO, ironer padding, nets, Tingue, Brown & Co.
COMBO, combination checking desk, bag storage unit and garment bagger, Rodin Machinery Co.
COMBUSTIONEER, automatic coal burner, humidifiers, Steel Products Engineering Co.
COMET, extractors, Hammond Laundry-Cleaning Machinery Co.
COMFO CHEMICAL CARTRIDGE, respirators, Mine Safety Appliance Co.
COMMERCIAL, soap, Rome Soap Mfg. Co.
COMPACT, drycleaning machine, Ayr-Mor Machinery Co.
COMPACT, low pressure boiler, Titusville Iron Works Co., Div. Struther Wells Corp.
COMPAR, safety gloves, aprons, gasket material, Reinstoffen Corp.
COMPLETE, laundry soaps, Fry Bros. Co.
COMPO, fiber marking tags, Fleischer Mills, Inc.
COMPO, marking tags, U. S. Marking Tag Co.
COMPOSITION 33, 91, soap builders, Turco Products, Inc.
COMPOUND 40, general formula spotter, Keystone Aniline & Chemical Co., Inc.
CONCO, stokers, Conco Engineering Works, Div. H. D. Conkey & Co.
CONDOR, hose, belting, rolls, Raybestos-Manhattan, Inc.
CONDO-VAC, return-line vacuum pumps for heating systems, Chicago Pump Co.
CONI-D-TEX, mothproofing agent, Research Laboratories Corp.
C-100 EMULSION, rust-preventative degreasing solvent, Delray Industries, Inc.
CONNERSVILLE-CHIEF, rug and carpet cleaning equipment, Chief Mfg. Co.
CONODIZE, drycleaning process, Conodize Sales Co.
CONTINENTAL 18, self-polishing heavy duty liquid floor wax, Continental Car-Na-Var Corp.
CONTINUOUS FLOW, washer, Bill Glover, Inc.
CONVERTIBLE, steel shelving, Berger Mfg. Div., Republic Steel Corp.
COOK EXTRACTETTE, pony extractor, Cook Machinery Sales Co., Inc.
COOK'S, lubricants, Adam Cook's Sons, Inc.
COOK WASHETTE, open-end washers, Cook Machinery Sales Co., Inc.
COOLAIR, fans, ventilating systems, American Coolair Corp.
COOLIDGE, pad savers, Ink-O Products Co.
COOPER, pressing stands, bucks, tables, iron carriers, H. P. Cooper & Co.
COOPER-BESSEMER, compressors, diesel and gas engines, Cooper-Bessemer Corp.
COORDINATED PROCESS CONTROL, automatic control, Bristol Co.
COPALITE, interior varnish, U. S. Gutta Percha Paint Co.
COPES, high and low alarms, controls, regulators, governors, valves, Northern Equipment Co.
COPR-TUBE, copper tube fittings, Dresser Mfg. Div., Dresser Industries, Inc.
CORRIDOR, drinking fountains, Crane Co.
CORWITH, drinking fountains, Crane Co.
COSMOLINE, rust preventatives, E. F. Houghton & Co.
COTTONBLOSSOM, laundry textiles, Southern Mills, Inc.
COUNTERBOY, carton and package taping machine, Better Packages, Inc.
COV-EEZ, garment hanger shields, Larton Products Co., Inc.
COVERDUX, ironer covering, Tingue, Brown & Co.
CRAMER, timers, R. W. Cramer & Co., Inc.
CREAM FINISH, starch lubricant, Lewis National Corp.
CRESCENT, belt fasteners, plates, rivets, rivet extractors, Crescent Belt Fastener Co.
CRESCENT, blue, ironer oil, wax and stripper, Crescent Chemical Div., Hood Chemical Co., Inc.
CRESCENT, laundry chemical specialty items, Crescent Chemical Div., Hood Chemical Co., Inc.
CRESCENT, try-cocks, Wright-Austin Co.
CRESTEX, sour, Crescent Chemical Div., Hood Chemical Co., Inc.
CRISRACKS, clothes racks, E. L. Chrisman Co., Inc.
CROSBY, gauges, valves, Crosby Steam Gage and Valve Co.
CROWN, electric-steam irons, steam generators, electric irons, Crown Mfg. Co.
CRUSADER, nets, cover cloth, double-face flannel, cover duck, Egan Cotton Mills
CRYSTALITE, fluorescent lighting, Crystalite Co., Inc.
CRYSTAL VICTOR, starch combination, Keever Starch Co.
CRYSTAMET, sodium metasilicate, Cowles Chemical Co.
C-200, rust preventative and degreasing solvent, Delray Industries, Inc.
CUB JR., steam trap, Wright-Austin Co.
CUFF BRUSHER, rotary cuff cleaner, Excelsior Machinery Co.
CUFF TACKER, sewing machine, Chandler Machine Co.
CULLIGAN, water softener service, Culligan Zeolite Co.
CURRY, feed ribbons, J. W. Curry Co.
CUSTOM, electric steam generators, Custom Engineering Co.
CUSTOM, shoulder finisher and shaper, Hopkins Equipment Co.
CUTLER-HAMMER, electrical equipment, motor control, Cutler-Hammer, Inc.
CYCLENE, prespotter, A. F. Wolke Co.
CYCLO, heavy prespotter, R. R. Street & Co., Inc.
CYCLONE, exhaust head, Wright-Austin Co.
CYCLONE, washer, Henrici Laundry Machinery Co.
CYCLONE CONVEYORS, pneumatic conveyors, Eastern Cyclone Conveyor System, Inc.
CYCLOPS, needle bearing, Roller Bearing Company of America
CYCLOTHERM STEAM GENERATORS, package type boiler, automatic oil or gas fired, Cyclothem Corp.
CYLON, wetcleaning detergent, Fatek & Co.

D

DSKL, concentrated liquid stripper and reducing agent, Carman & Co., Inc.
DA-CO, chemicals, cleaners, Davis-Weil Mfg. Co.
DAHLBERG, speed-rail conveyors, Dahlberg Machinery Co.
DAILY DELIVERY, marking tags, Pittsburgh Tag Co.
DAINTEX, wetting agent, Hercules Powder Co.
DAMASCITE, ferrous base machine parts, Amplex Div., Chrysler Corp.
DAMIT, pipe joint compound, Quigley Co., Inc.
DAMP-TEX, enamel, Steelcote Mfg. Co.
DANA, dyeing process for garments, leather and rugs, Commercial Dye Works
DANDUX, canvas baskets, hampers, bags, trucks, C. R. Daniels, Inc.
DARCO, activated carbon, Darco Corp.
DARNELL, wheels, casters, Darnell Corp.
DATERETTE, dating machine, American Numbering Machine Co.
DAVIS, controls, regulators, valves, Davis Regulator Co.
DAVIS, first-aid and emergency equipment, Davis Emergency Equipment Co.
DAVIS, sleeve formers, Davis Specialties
DAVIS OVERALL TAG, brass permanent marker, Keyes-Davis Co.
DAVIS RAY, press plates, Davis Specialties
DAVIS TAG, permanent overall marker, Keyes-Davis Co.
DAVOTEX, leather cleaning and re-dyeing, C.O.D. Cleaning & Dyeing Co.
DAY-SOL, chlorinated solvent drycleaning soap, Davies-Young Soap Co.
DEAN HILL, centrifugal industrial power pumps, steam turbines, Dean Hill Pump Co.
DC FILTROL, adsorbent filter powder, Filtrol Corp.
DECAL, water softener, Washine National Sands, Inc.
DEEP ROCK, naphthas, solvents, Deep Rock Oil Corp.
DEE-REZ, 5% DDT spray, Huntington Laboratories, Inc.
DEFENDER, regulators, recording instruments, Defender Instrument & Regulator Co.
DELIBLE, dissolves indelibles, Warco Laboratories
DE-LIMER, lime solvent, E. F. Drew & Co., Inc.
DELIVR-ALL, delivery truck, Marmon-Herrington Co., Inc.
DELUXE, sizing, Huron Milling Co.
DE LUXE, uniforms, Shane Uniform Co., Inc.
DEMING, pumps, Deming Co.
DEMOTHOL, mothproofing solution, Signal Chemical Mfg. Co.
DEODOR, deodorant, Patek & Co.
DESOIL, break powder, Cowles Chemical Co.
DESTAINER, penetrating soap, A. L. Wilson Chemical Co.
D'ESTE, automatic regulating valves, D'Este Div., American Chain & Cable Co., Inc.
DETECTO, scales, Detecto Scales, Inc.
DETERGENT CL, drycleaning soap for synthetic solvents, Allen and Vickers, Inc.
DETERGENT N, drycleaning soap, Allen and Vickers, Inc.
DE-TER-GO, powder floor cleaner, Continental Car-Na-Var Corp.
DETERSYN, detergent for use with chlorinated solvents, Riverside Mfg. Co.
DETEX, watchmen's clocks, Detex Watchclock Corp.
DETREX, drycleaning equipment, Detrex Corp.
DETROIT, belt lacers, belt cutters, Detroit Belt Lacer Co.
DETROIT, valves, W. M. Chace Co.
DEVERE SPEEDUX DIPMASTER, water-repellent dip tank, Devere Co.
DEVEX D50, 50% DDT dry, Westvaco Chemical Div., Food Machinery & Chemical Corp.
DEVEX T, DDT technical, Westvaco Chemical Div., Food Machinery & Chemical Corp.
DEVEX W-50, wettable dust concentrates, Westvaco Chemical Div., Food Machinery & Chemical Corp.
DEVILBISS, compressors, spray guns, hose, De-Vilbiss Company
DEXTER, valve resefing machine, Leavitt Machine Co.
DIAMO, stripper, stain remover, Lewis National Corp.
DIAMOND, ball, revolving and swing joints, Diamond Metal Products Co.
DIAMOND, chains, couplings, Diamond Chain Co., Inc.
DIAMOND, laundry chemicals, Diamond Alkali Co.
DIAMOND, water treatment compounds, Oshkosh Filter and Softener Co.
DIAMOND BLUE, laundry bluing, Diamond Alkali Co.
DIAMOND DRY CLEANER, chlorinated cleaning solvent, Diamond Alkali Co.
DIAMOND T, motor trucks, Diamond T Motor Car Company
DI-AQUA, anionic wetting agent, Diamond Alkali Co.
DIASAN, diaper sanitizer, H. Kohnstamm & Co., Inc.
DIAZOCEL, for dyeing celanese and acetate silks, American Aniline Products, Inc.
DIAZYME, enzymic digester, Jacques Wolf & Co.
DICALITE, anti-static filter powder, Dicalite Div., Great Lakes Carbon Corp.
DICALITE SPEEDFLUX, straight diatomaceous filter powder, Dicalite Div., Great Lakes Carbon Corp.
DICALITE SWEETEX sweetener, filter powder, Dicalite Div., Great Lakes Carbon Corp.
DIEHL, electric motors, generators, fans, Diehl Manufacturing Co., Div. Singer Mfg. Co.
DIGEN, digester, John F. Lynch Co.
DIGESTITI, enzymic digester, Riverside Mfg. Co.
DIOXY, drycleaning spotters, chemicals, Preston T. Rhodes
DIP-O-MATIC, water-repellent dip tank, Hopkins Equipment Co.
DISCOVERY, handkerchief fluffer, Huebsch Mfg. Co.
DISPERSO, silk and wool drycleaning soap, Spix Products Co.
DIS-PER-SOL, break powder, Thompson-Hayward Chemical Co.
DISPLAY-IT, shirt display cases, Time Savers, Inc.
DIVCO, delivery vehicles, Divco Corp.
DIXIE, aprons, Minnesota Chemical Co.
DIXIE, laundry nets, Southern Mills, Inc.
DIXO, detergents, drycleaning soaps, grease, oil and paint removers, prespotters, wetcleaning soap, Dixo Co.
DIXON STEAM KING, Scotch marine boiler, Dixon Boiler Works
DIXON WATERWALL, Scotch Marine boiler, Dixon Boiler Works
DOBBY, mothproofing concentrate, Jay-Dee, Inc., Mfg. Chemists
DOCTOR BOILER, boiler compound, Doctor Boiler, Inc.
DODGE JOB-RATED TRUCKS, motor trucks, Dodge Div., Chrysler Corp.
DOG TEX, treatment for cat and dog stains, Hild Floor Machine Co.
DORAN, hat machinery, Hatters' Supply House, Inc.
DOUBLE CHECK, zeolite water softener, Elgin Softener Corp.
DOUBLE DUTY SOUR, sour and blue combination, Diamond Alkali Co.
DOUBLE-VALVE, blanket brusher, American Laundry Machinery Co.
DOUBLEWEAR, apron duck, cover cloth, nets, Lewis National Corp.
DOVER DYPERCAN, deodorized diaper container, Dover Stamping Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 254

DOWCLENE, synthetic cleaning solvent, Dow Chemical Co.
DOWFUME, fumigant, Dow Chemical Co.
DRAIN-DRI, cellar drainers, Yeomans Bros. Co.
DRAINTROL, condensation drainage device, F. H. Schaub Engineering Co., Inc.
DRAVO COUNTERFLO, heater, Dravo Corp.
DRAX, water repellents, S. C. Johnson & Sons, Inc.
DRESSER, clamps, couplings, fittings, Dresser Mfg. Div., Dresser Industries, Inc.
DRESSMASTER, steam-air garment finisher, Hopkins Equipment Co.
DREX-KLEEN, carbon tetrachloride solvent, Detrex Corp.
DRI-BORD, steam-heated press boards, Kinco Boiler & Engineering Co.
DRI-BRITE GLOSS, Persian lamb luster, Nyeco Products Co.
DRICO, air cleaners, filters, separators, strainers, Drico Industrial Corp.
DRIEX, water-soluble water repellent, Keystone Aniline & Chemical Co., Inc.
DRI-FOAM, rug and furniture shampoo, Crossland Mfg. Co., Inc.
DRI-HAND, dampener and moisture regulator, J. W. Steele & Co.
DRI-RINSE, drycleaners' sour, Johnson Chemical Industries, Inc.
DRISEAL, short bands, Driseal Co.
DRI-SHEEN, alkaline detergent, Ashco, Inc.
DRISIZE, synthetic resin sizing for use in petroleum, Eaton Chemical & Dyestuff Co.
DRI-STEAM VALVES AND SEPARATORS, air cleaners, filters, separators, strainers, Drico Industrial Corp.
DRISYN, special detergent drycleaning soap, E. F. Drew & Co., Inc.
DRI-TEX, detergents, Spix Products Co.
DRITHERM, infra-red heat lamps, North American Electric Lamp Co.
DRUM MASTER, for cleaning drum, Walter Hartell Co.
DRUMMOND FLAKE SOAP, laundry soap, Standard Soap Co. of Camden
DRYCO, water spray gun, steam jets, valves, steam condensers, Dryco Corp.
DRYCON-CARCO, intensified drycleaning detergent, Carman & Co., Inc.
DRYMASTER, drying cabinets, Hopkins Equipment Co.
DRY-O-MATIC, signal and alarm control for tumblers, Industrial Mfg. Co.
DRYSET, vacuum systems, Allen Billmyre Div., Lamson Corp.
DRY-SOPE, drycleaning soap, Murphy Sales Co.
DUALCRAFT, press pads, Padcraft Corp.
DUBLECOTE MULTI-SHINGLES, asphalt roofing shingles, Barrett Div., Allied Chemical & Dye Corp.
DUCO, finishes, E. I. du Pont de Nemours & Co., Inc.
DUFFEL, laundry nets, Southern Mills, Inc.
DUKE, trimmer guards, nut, dress and drapehangers, Memphis Hanger Co. and Pittsburgh Hanger Co.
DULUX, finishes, E. I. du Pont de Nemours & Co., Inc.
DUO, ironer, Zepher Laundry Machinery Co.
DUODEX, carpet antiseptic, Carman & Co., Inc.
DUO-TEX, drycleaning soap, Keystone Aniline and Chemical Co., Inc.
DUPLEX, collar supports, Time Savers, Inc.
DURABILT, stainless steel laundry and drycleaning machinery, Garment Machinery Corp.
DURABLE, wire pressboard for velvet and nap fabric materials, American Pressboard Co.
DURACAL, covers and padding combinations, Fatek & Co.
DURAFLEX, stokers, Canton Stoker Corp.
DURALAUN, shirts, sheets, cases, bath towels, men's hose, wool blankets, Duralaun Corp.
DURASHE, press covers, Lewis National Corp.
DURO, blow-off valve, Lunkenheimer Co.
DUROIL, fiber sheet packing, Raybestos-Manhattan, Inc.
DUROTEX, press covers, B. Lally Co.
DUSTFOE, respirators, Mine Safety Appliance Co.
DUST STOP, air filters, Owens-Corning Fiberglas Corp.
DU-TEX, stain remover, Warnu Laboratories
DUTTON, boilers, pumps, C. H. Dutton Co.
DUX COTE, water repellent, Eaton Chemical and Dyestuff Co.
DUX-IT, solvent-soluble water repellent, Keystone Aniline & Chemical Co., Inc.
DWYER, gauges, indicators, F. W. Dwyer Mfg. Co.
DYDROSITE, stripping agent, Nu-Pro Mfg. Co.
DYE-A-SPOT, retouching dyestuff, Dye-A-Spot Co.
DYE-CRETE, penetrating concrete color hardener, Wilbur & Williams Co.
DYNAMIC DUMPER, unloading washer, Miller Laundry Machinery Co.
DYNASOPE CONCENTRATE, drycleaning fiber soap with antiseptic and mothproofing, A. F. Wulke Co.
DY-100, liquid drycleaning soap, Davies-Young Soap Co.
DYPERCAN, sanitary diaper cans, Dover Stamping Co.
DYSCOL, wetcleaning silk and wool soap, Davies-Young Soap Co.
DYSOLVO, soap, Davies-Young Soap Co.
DY-SULPH, synthetic wetcleaner, Davies-Young Soap Co.

E

EFTT, electric power fork truck, Lewis-Shepard Products, Inc.
EASY-ON, wood strut hanger, Nagel Coat Hanger Co.
ECCO, blues, ironer oil, spot removers, repellents, prespetters, tints, soaps, Eaton Chemical and Dyestuff Co.
ECCODUX, water repellent, Eaton Chemical and Dyestuff Co.
ECCOFORM, spot remover, Eaton Chemical and Dyestuff Co.
ECCO KOBO, odor neutralizer, Eaton Chemical and Dyestuff Co.
ECCOSIZE, textile finish, Eaton Chemical and Dyestuff Co.
ECLIPSE, starch, A. E. Staley Mfg. Co.
ECLIPSE PIONEER, flexible metal hose, Eclipse Pioneer Div., Bendix Aviation Corp.
ECO, hand cream, Davis Emergency Equipment Co., Inc.
ECO, watchmen's clocks, Detex Watchclock Corp.
ECONO, drycleaning soap, Package Chemical Company, Inc.
ECONO, sour, Diamond Alkali Co.
ECONOFEED, boiler feed pump and condensate return system, C. H. Dutton Co.
ECONOMASTER, boiler, C. H. Dutton Co.
ECONO-MATIC, drycleaning unit, Prosperity Co., Inc.
ECONOMIC, boilers, Erie City Iron Works
ECONOMIST, boiler, C. H. Dutton Co.
ECONOMITE REGISTERS, autographic registers, Autographic Register Co.
ECONOMIZER, boiler, C. H. Dutton Co.
ECONOMY, drycleaner's bag, Diem and Wing Paper Co.
ECONOMY, hanger bar covers, Phoenix Products Co.
ECONOMY, marking pins, Keyes-Davis Co.
ECONOMY, sour, Superior Products Co.
ECONOMY, tumblers, drycleaning units, U. S. Hoffman Machinery Corp.
ECONOTHERM, generators, C. H. Dutton Co.
EDWARDS EXCHANGER, de-ionized water unit, Hungerford & Terry, Inc.
EGAN, ironer and press padding, feed ribbons, Egan Cotton Mills
EGRY ELITE, register, business system, Egry Register Co.
EIGHTEEN, cover dock, Tingue, Brown & Co.
1838, marking ink, liquid laundry blue, Eaton Chemical and Dyestuff Co.
EJECT-O-VAC, self-cleaning vacuum cleaner, Continental Car-Na-Var Corp.
ELAINE, red oil (oleic acid), Emery Industries, Inc.
ELASTIGUM, roof cement, roof coating, Barrett Div., Allied Chemical & Dye Corp.
ELCCO, garment press, steam puffer, spotting and finishing machine, E. L. Chrisman Co., Inc.
ELCONITE, standard greensand zeolite, Elgin Softener Corp.
ELDURITE, synthetic zeolite, Elgin Softener Corp.
ELECTRO, water conditioner, Stomac Engineering Co., Inc.
ELECTROCLENE, drycleaning washers, Troy Laundry Machinery Div., American Machine and Metals, Inc.
ELECTROFLUID, motorized hydraulic drive, Link-Belt Co.
ELECTRO LIFT HOISTS, hoists, Electro Lift, Inc.
ELECTROMANUAL, washer, Troy Laundry Machinery Div., American Machine and Metals, Inc.
ELECTROMATIC, washer, Troy Laundry Machinery Div., American Machine and Metals, Inc.
ELECTRO-MEND, mending machines and tabs, Simmons Machine Co.
ELECTRO NEUTRALIZER, water-conditioning apparatus for steam boilers, Electro Chemical Engineering Co., Inc.
ELECTRUNITE, stainless steel tubing, Republic Steel Corp.
ELGIN, water softening and conditioning equipment and chemicals, water filters, Elgin Softener Corp.
ELITE, ironer covercloth, Tingue, Brown & Co.
ELITE TRU-PAK, autographic register, Egry Register Co.
ELLIS, laundry machinery, Ellis Drier Co.
ELMO, stripper, A. L. Wilson Chemical Co.
EMERALD, felt, flannel, Pittsburgh Waterproof Co.
EMERSOL, stearic acid, Emery Industries, Inc.
EMPIRE, firebrick, A. P. Green Fire Brick Co.
EMRENE, drycleaning soap, Wimbler Wash Corp.
EMULSIVE, wheat starch, Keever Starch Co.
ENDURO, coil-spring press pad, Zeidler Mfg. Co.
ENDURO, laundry detergents, chemicals, Aurora Manufacturing Co.
ENDURO, stainless steel, Republic Steel Corp.
ENDURO, wetcleaning sour, Aurora Mfg. Co.
ENERGETIC, wetcleaning synthetic detergent, Armour & Co.
ENGINAIR, compressor, Westinghouse Air Brake Co.
ENZ-O-SAN, powdered digester, Huntington Laboratories
ENZYMERSE, enzymic digester, George E. Mead Co.
EQUALIZER, valve by-pass, Edward Valves, Inc. Subsidiary Rockwell Mfg. Co.
ERAD-INK, ink remover, A. L. Wilson Chemical Co.
ERADOL, color stripper, National Cleaners Chemical Mfg. Co.
ERASINE, ink remover, Lewis National Corp.
ERIE CITY, boilers, underfeed stokers, Erie City Iron Works
ERMCO, rug conveyor and equipment, American Laundry Machinery Co.
ERMINE, starch, Washine National Sands, Inc.
ERUSTICATOR, rust stain remover, Pennsylvania Salt Mfg. Co.
ERUSTO, spot and stain remover, dry and wetcleaning soaps, laundry sour, Pennsylvania Salt Mfg. Co.
ERUSTO-CETIC, sour for wetcleaning, Pennsylvania Salt Mfg. Co.
ERUSTOCIDE, laundry sour, Pennsylvania Salt Mfg. Co.
ERUSTO DDT EMULSION, insecticide, Pennsylvania Salt Mfg. Co.
ERUSTO ENERGEX, drycleaning products, Pennsylvania Salt Mfg. Co.
ERUSTOLIN, laundry sour, Pennsylvania Salt Mfg. Co.
ERUSTO LIQUI-BLUE, laundry blue, Pennsylvania Salt Mfg. Co.
ERUSTO SALTS, laundry sour, Pennsylvania Salt Mfg. Co.
ERUSTOSOL, laundry sour, Pennsylvania Salt Mfg. Co.
ESCO, high pH soap builder, Cowles Chemical Co.
ESCOFOS, soap regenerator, Cowles Chemical Co.
ESCOLITE, medium pH soap builder, Cowles Chemical Co.
ESCOLLOID, medium pH soap builder, Cowles Chemical Co.
ESCOL 77, high pH soap builder, Cowles Chemical Co.
ESCOMO, liquid blue, Cowles Chemical Co.
ESCO-SAVON, soap, Cowles Chemical Co.
ESPECCO, solvent, starches, Superior Products Co.
ESSO BOND, air setting, high temperature cement, Ramtite Co., Div. S. Obermayer Co.
ETERNIT, asbestos-cement sheets for roofs and sidewalls, Ruberoid Co.
ETHRO, rug and carpet shampoo, North Coast Chemical and Soap Works
EULANS, mothproofing agents, General Dyestuff Corp.
EUREKA, wetcleaning pins, Keyes-Davis Co.
EUREKA, wetcleaning laundry powder, North Coast Chemical and Soap Works
EUREKA, belt dressing, Standard Oil Co.
EVALIZED, rust-resistant process, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
EVALLOY, stainless steel, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
EVALPAK, valve packing, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
EVALTHRUST, ball bearing, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
EVAPO-GAS, moth fumigant, Nyeco Products Co.
EVERDUR, hot water heaters, Patterson-Kelley Co.
EVERJET, paint, Barrett Div., Allied Chemical & Dye Corp.
EVERLASTING, valves, Everlasting Valve Co.
EVER-LITE, lighting fixtures, Ever-Lite Co.
EVER MOIST, dampening device, Time Savers, Inc.
EVERREADY, hat and garment boxes, Automatic Paper Box Corp.
EVINLAY, hard surfaced inlay, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
EWART, detachable link belt chains, Link-Belt Co.
EWING PONY, wood pony laundry washer, R. Ewing & Sons, Inc.
EXACTO, marking labels, tags, tables, checking stands, Perfection Products Co.
EXCELAL, starch finish, Eaton Chemical and Dyestuff Co.
EXCELL-O, cellophane tying ribbon, Freydberg Bros.-Strauss, Inc.
EXCELSIOR, drycleaning spotting, finishing equipment, Excelsior Machinery Co.
EXHAUSTEAM, steam purifier, Morehead Manufacturing Co.
EXIDE, storage batteries, Electric Storage Battery Co.
EXIDUST, industrial vacuum cleaners, Allen Billmyre Div., Lamson Corp.
EXPANDO, collar supports, Time Savers, Inc.
EXPRESS-LINE, conveyors, B & G Machinery Co., Inc.
EX-SOIL-O, drycleaning soap, Davies-Young Soap Co.
EXTRACTETTE, extractor, Cook Laundry Machinery Sales Co.
EXTRACTOR, leather belting, Webb Belting Co.
EXTRA SOLUBLE COLORFIXE, sours, H. Kohnstamm & Co., Inc.
E-Z IRON, finishing board pads, Follo Corp.
EZY, drycleaning press, Prosperity Co., Inc.
EZY-KLEEN, strainers for pumps and pipelines, Blackmer Pump Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

F

F.B., loose-leaf holders, Speed Products Co., Inc.
F & E, underfeed stokers, Flynn & Emrich Co.
FABRICARE, drycleaning finishing equipment, Dryco Corp.
FABRICOL, drycleaning soap, R. R. Street & Co., Inc.
FABRIT, heat-sealing, mending tape, Madison Products Co.
FABTEX, water repellent, Merson Products Co.
FAB-TEX, water repellent, Spix Products Co.
FAIRBANKS-MORSE, pumps, motors, engines, stokers, Fairbanks Morse & Co.
FAN-AIR, automatic gas burners (mechanical draft), Lee B. Mettler Co.
FAN-PAC, packaged ventilation, DeBothezat Fans Div., American Machine and Metals, Inc.
FANTOM-FAST, invisible identification system, National Marking Machine Co.
FASEL, prespotter, Package Chemical Co., Inc.
FASTOGENE, textile finishes and assistants, American Aniline Products, Inc.
FEATHER, air compressor valves, Worthington Pump & Machinery Corp.
FEND, protective hand cream, Mine Safety Appliance Co.
FENT-ONAMEL, labels, Fenton Label Co.
FERA-FLOW, non-slip paint, American Abrasive Metals Co.
FERBRENEWO, angle and globe valve, Lunkenheimer Co.
FERROSAND, iron removal filters, Hungerford & Terry, Inc.
FERROX, non-slip flooring composition, American Abrasive Metals Co.
FIBERCOTE, roof covering, Midland Paint & Varnish Co.
FIBERGLAS, cloth, insulations, etc., Owens-Corning Fiberglas Corp.
FIELD, draft controls, Conco Engineering Works, Div. H. D. Conkey & Co.
FILPRO, vacuum still, U. S. Hoffman Machinery Corp.
FILTERMASTER, solvent filter, Hopkins Equipment Co.
FILTER-SOL, liquid drycleaning filter soap, Davies-Young Soap Co.
FILTROL DC, adsorbent filter aid, Filtrol Corp.
FILTRON, electronic filter, U. S. Hoffman Machinery Corp.
FINISH 21, dye fixer, Apex Chemical Co., Inc.
FINNELL, starch reclaimer, Lewis National Corp.
FIRECRETE, refractory cement, Johns-Manville
FIREITE, asbestos furnace cement, Johns-Manville
FIREYE, safeguards, controls, Combustion Control Corp.
FIT-ALL, sleeve forms, Davis Specialties
5-L, laundry starch, Clinton Foods, Inc.
FLALON, nylon flannel for press pads, Burgess-Berliner Associates
FLAME PROOF XWX, flameproofing agent, Apex Chemical Co., Inc.
FLAME-TEX, flameproofing, Keystone Aniline & Chemical Co., Inc.
FLAMONEL, Monel press pads, Resillo Co.
FLASH-O-MATIC, marking machine, Flash-Fast Div. of Louis Marks, Inc.
FLEET-LINE, wood washers, Getzloff Laundry Machinery Co., Inc.
FLETCHER, extractor, Fletcher Works, Inc.
FLEXCO, belt fasteners, Flexible Steel Lacing Co.
FLEXFORM, garment shaper-drier, Tri-Pak Machinery Sprayers, Inc.
FLEXI-BILT, bins, Berger Mfg. Div., Republic Steel Corp.
FLEXITE, rubber buckets, dippers, funnels, B. F. Goodrich Co.
FLEXOL, starch, Washine National Sands, Inc.
FLEXOL DOP, plasticizer to soften hardened waterproof innerlinings, Eaton Chemical and Dyestuff Co.
FLEX V, belt fasteners, Flexible Steel Lacing Co.
FLAMONEL, press pads, Resillo Co.
FLINT, neutral high titer soap chip and powder, Armour & Co.
FLOORKOTE, enamel, Tropical Paint & Oil Co.
FLOORMASTER, trucks, Lewis-Shepard Products, Inc.
FLOOR-VEYOR, permanent installation power belt conveyor, Rapids-Standard Co., Inc.
FLUFFED EDGE, cotton padding, Pittsburg Waterproof Co.
FLUORIUM, fluorescent fabric finish, Beach Soap Co.
FLUSH-KLEEN, sewage ejectors, Chicago Pump Co.
FLUTRON, ruffle ironer, Maxant Button and Supply Co.
FOAMITE, fire extinguishers, American-La France-Foamite Corp.
FOAMSUDS, rug and carpet soap, E. F. Drew & Co., Inc.
FOLD-A-WAY, shirt baskets and trucks, Time Savers, Inc.
FOLDMASTER, flatwork folder, American Laundry Machinery Co.
FOLDOMAT, portable small flatwork folding, stacking, counting machines, Pioneer Development Co.
FOLDRITE, flatwork folder, American Laundry Machinery Co.
FOLDRITE, shirt folding and finishing equipment, Time Savers, Inc.
FORMALENE, chloroform substitute spotter, A. F. Wolke Co.
FORMANIL, aniline dyes, American Aniline Products, Inc.
FORMATIC, shirt unit and presses, American Laundry Machinery Co.
FORM-A-TIME CONTROL, washer timer, Van Chemical Co.
FORMATROL CYCLE TIMER, automatic washer control, Prosperity Co., Inc.
FORM FIT, garment hangers, Pacific Coat Hanger Mfg. Co.
FORM-RITE, collar shaper and ironer, Huebsch Mfg. Co.
FORMULA S, built, powdered, low titer soap, Swift & Co.
FORMULA 71, drycleaning soap, Northeastern Soap & Chemical Co.
FORMULA 12, drycleaning soap, Package Chemical Co., Inc.
FORMULA W-51, ink remover, A. L. Wilson Chemical Co.
FORSE, presses, Forse Corp.
FOSKLOR, chlorinated sodium phosphate, Westvaco Chemical Div., Food Machinery & Chemical Corp.
FOSTER-STEPHENS, window posters, photo-truck-posters, sales promotion material, new paper mats, Foster-Stephens, Inc.
FOUR-ACES, synthetic wetcleaner in powder form, National Cleaners Chemical Mfg. Co.
400, liquid drycleaner, Adco, Inc.
411, powdered synthetic detergent, Armour & Co.
FOXBORO, indicating, recording, controlling instruments, Foxboro Co.
FRACTO-CRETE, castable refractory, Ramtite Co.
FRANKLIN'S, cement treatment, cleaners, polishes, waxes, wood seal, Franklin Research Co.
FRATEX, cotton pads, covers and flannels for drycleaning presses, Franklin Textile Mills
FRE-BIR-PAC, cloth counters, automatic towel and duster counters, Fre-Bir-Pac, Inc.
FREE-VANE, air-operated, electric controllers, Bristol Co.
FREMONT, rubber floor tile, mats, matting, Fremont Rubber Co.
FRESH-AIR MAKER, fans, blowers, Schwitzer-Cummins Co.
FRIGIDAIRE, conditioners, coolers, Frigidaire Div., General Motors Corp.
FRINGE-IT, fringe cleaner, Certified Chemical Co.
FRONTIER BRAND, belt dressing, Riverside Chemical Co., Inc.
FROST-PROOF, pipe covering and blocks, Rubermod Co.
FRUCAL, soap, Minnesota Chemical Co.
FRYBRO, black indelible marking ink, ironer oil, Fry Bros. Co.
FRYE, dye dippers, E. B. Frye & Son
FRY'S SPECIAL, clipper laced aprons, Fry Bros. Co.
FUEL-SAVER, watertube boilers, International Boiler Works Co.
FULTON, laundry nets, Southern Mills, Inc.
FUMOL, mothproofing agent, Fumol Corp.
FUMOL CHLORDANE SOLUTION, roach control insecticide, Fumol Corp.
FUR-CLENE, fur cleaning solvent, Walter Haertel Co.
FUR-E-OIL, re-oiling and softening agent for furs and leathers, Package Chemical Co., Inc.
FURNAS-CRETE, castable refractory, Mexico Refractories Co.
FUR-RAY, fur cleaner and reconditioner, Jay-Dee, Inc., Mfg. Chemists
FUR-SAN, fur and lining cleaner, Huntington Laboratories, Inc.
FURTEX, fur equipment, Furtex Rejuvenating Corp.
FUR-VAULT FUMIGANT, moth preventative for vaults, Huntington Laboratories, Inc.
FYR-FEEDERS, stokers, American Coal Burner Co.

G

GFTT, gas power fork truck, Lewis-Shepard Products, Inc.
GALVANUM, for galvanized iron, Vita-Var Corp.
GARCO, hangers, wire trouser guards, Garment Hanger Co.
GARMENTIER, steam-air finishers, G. A. Braun, Inc.
GASHEAT, recirculators, Kieco Boiler & Engineering Co.
GASWAY, gas-heated flatwork ironers, Gasway Corp.
GAVSCO, valves, Golden-Anderson Valve Specialty Co.
GEARLESS, washers, Zephyr Laundry Machinery Co.
GEEP, wet and dry spotter, Keystone Aniline & Chemical Co., Inc.
GELATONE, liquid size and finish, R. R. Street & Co., Inc.
GEMZYME, enzymic digester, George E. Mead Co.
GENERAL, perchlorethylene drycleaning units, Martin Equipment Corp.
GENERAL ELECTRIC, electrical equipment, General Electric Co.
GERMITEX, sour, Crescent Chemical Div., Hood Chemical Co., Inc.
GIANT, built high titer soap powder, Armour & Co.
GIANT, hydraulic extractor, Strike's Laundry Machinery, Inc.
GIANT KING, net pins, Keyes-Davis Co.
GIBRALTAR, alkali, Washine National Sands, Inc.
GIBRALTAR, marking and printed tags, Commercial Tag Co.
GIBRALTAR TRI-PRONG CLIP, shirt hanger fastener, Commercial Tag Co.
GI-GR-NITE, casters, Clinton Products Co.
GILBARCO, oil burners, Gilbert & Barker Mfg. Co.
GILMER, feed ribbons, V-belts, flat belting, L. H. Gilmer Co., Div. U. S. Rubber Co.
GILT EDGE, round leather belting, L. B. Williams & Sons
GLAZOLENE, seal luster, Nyceo Products Co.
GLEEM, liquid wetcleaning soap, Trico Chemical Div. of Tri-State Equipment Co.
GLEN ZIP, zipper repair tools, supplies, Glen Zip Co.
GLIDE GLEAM, wax compound for lubricating ironing equipment, Kem Laboratories
GLIDE LINER, pressing machines, laundry power presses, Unipress Co.
GLIDER, electric irons, J. W. Steele & Co.
GLIDER, pressing machine, Loyal Textile Machinery Corp.
GLIM, detergent, General Aniline & Film Corp., Special Products Sales Div.
GLISS'N, liquid rug and upholstery cleaner, Gliss'n Products Co., Inc.
GLOBE, laundry, drycleaning washers, American Laundry Machinery Co.
GLORY, tallow soap chips, Swift & Co.
GLOVER, cleaners' specialties, Bill Glover, Inc.
GLUV-NU, glove soap, Davies-Young Soap Co.
GLYD-ON shirt clip, Time Savers, Inc.
GMC TRUCKS, motor trucks, GMC Truck & Coach Div., General Motors Corp.
GOLDEN, laundry soaps, Fry Bros. Co.
GOLD LINE, laundry fabric, Tingue, Brown & Co.
GOLD MEDAL, hatters' chemicals, machinery, Hatters Supply House, Inc.
GOLD MEDAL, nets, Southern Mills, Inc.
GOLDSEAL, colored specialty tapes, Gummed Tape & Devices Co.
GOLD SEAL, rug shampoo, Huntington Laboratories, Inc.
GOLD STAR, feed ribbons, L. H. Gilmer Co., Div. United States Rubber Co.
GOODRICH, rubber hose, belting, packing, B. F. Goodrich Co.
GORTON, air eliminators, Gorton Heating Corp.
GOVERNOR, marking tags, A. Goodman and Co.
GRAND, hatters' equipment, supplies, Maxant Button & Supply Co.
GRANDSTAND, pin trays, Keyes-Davis Co.
GRANOLITH, paint for brick, concrete, stucco, U. S. Gutta Percha Paint Co.
GRANUWAX, granulated wax, Lewis National Corp.
GREAVES, silent bakelite gears, milling machines, Greaves Machine Tool Co.
GREENBACK, apron duck, John T. Stanley Co., Inc.
GREEN BUBBLES, soap powder, Minnesota Chemical Co.
GREENCOTE, refractory maintenance coating, A. P. Green Fire Brick Co.
GREEN OLIVE, soap, Rome Soap Mfg. Co.
GREENSTRIPE, cover cloth, John T. Stanley Co., Inc.
GREEN STRIPE, padding, William R. Hooper & Co.
GREENZYME, digestive enzyme, Greenville Chemical Co.
GREIF, hangers, guards, Greif Bros. Cooperage Corp., Wire Garment Hanger Div.
GRESOL, break powder, Speare Co.
GREYHOUND, extractor, synthetic washer, wash-wheel, Hercules Laundry Machinery Co., Inc.
GREYHOUND, washers, U. S. Hoffman Machinery Corp.
GREY-ROCK, brake lining, clutch facings, brake blocks, Raybestos-Manhattan, Inc.
GRID, unit heaters, D. J. Murray Mfg. Co.
GRIMES, air compressors, Grimes Co.
GRIPNET, nylon laundry net, Keyes-Davis Co.
GRIP-TITE, marking tags, Liberty Marking Tag Co., Inc.
GRIPTITE, rug pole hangers, American Laundry Machinery Co.
GROSS, drycleaning extractors, filters, tumblers, washers, Gross Machinery Co., Inc.
GROSSAIR, open-end tumbler, Gross Machinery Co.
GROSS STAR, grid plates, electric steam irons, L. Behrstock Co.
GROSS-X, tumbler, Gross Machinery Co., Inc.
G-SEAL, pipe joint compound, Quigley Co., Inc.
G-SOL, drycleaning soap, G. & G. Chemical Co.
G-TEX, wet spotter, G. & G. Chemical Co.
GUARANTEED, built, powdered high titer laundry soap, Swift & Co.
GUARDSMAN, watchclock, Detex Watchclock Corp.
GUMCRAFT, tapes, labels, Gummed Tape & Devices Co.
GUTH FLUORESCENT, fluorescent lighting equipment, Edwin F. Guth Co.
GUTH GERM-KILLING LIGHTS, bactericidal lighting equipment, Edwin Guth Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

H

HD, belt fasteners, Flexible Steel Lacing Co.
H.K., water repellent, H. Kohnstamm & Co., Inc.
HTH, calcium hypochlorite, H. Kohnstamm & Co., Inc.
HTH, calcium hypochlorite, Mathieson Chemical Corp.
HADES, gas burners, Hammond Laundry-Cleaning Machinery Co.
HAERTEL, fumigation cabinet, garment racks, fur vault door, Walter Haertel Co.
HAGAN, combustion control for boilers, Hagan Corp.
HAGAN RING BALANCE, flow meters, Hagan Corp.
HAGER STOKER FEEDER, screw type conveyor, Hager Brothers
HAMILTON, casters, wheels, trucks, Hamilton Caster & Mfg. Co.
HAMILTON, spring padding, American Laundry Machinery Co.
HAMMEL-DAHL, valve controls, valves, Hammel-Dahl Co.
HAMMOND, washers, tumblers, etc., Hammond Laundry-Cleaning Machinery Co.
HANDEE, presses, Furse Corp.
HAND-FILM, protective hand cream, National Cleaners Chemical Mfg. Co.
HANDIPAK, portable autographic register, Egry Register Co.
HANDIROL, mending tape, Gummed Tape & Devices Co.
HANDY, flatwork ironer, American Laundry Machinery Co.
HANDY, gate valve, Lunkenheimer Co.
HANDY-ANDY, industrial trucks, Rapids-Standard Co., Inc.
HANDYPAK, day tags, Tagit Company
HANG-A-LOX, wire hanger rack, Time Savers, Inc.
HANG-RITE, garment hangers, Waldorf Co.
HARDIN, stain remover, detergent, etc., J. L. Hardin Co., Inc.
HAUSER-STANDER, wood tanks, Hauser-Stander Tank Co.
HAWKEYE, soap flakes, Iowa Soap Co.
HAYS, veriflow meter, visio-ratio gauge, Hays Corp.
HEARTH-CRETE, refractory material, Quigley Co., Inc.
HEART-OAK, leather belting, Graton & Knight Co.
HEAT-O-SEAL, thermium heat-seal labels, Tompkins' Label Service
H. E. FLUELESS, boilers, P. M. Lattner Mfg. Co.
HELE-SHAW, pumps, American Engineering Co.
HELMET, steel safety pins, Risdon Mfg. Co.
HERCULES, extractors, Haring & Stephens Co.
HERMAN, delivery truck body, Herman Body Co.
HERO, fire extinguishers, Bostwick Laboratories
HEXAGON, pads, covers, Stadham Co.
HEXAMO, prespotter, Riverside Mfg. Co.
HEXITE, wetcleaning soap, Riverside Mfg. Co.
HEXOLATE, alkali, soap builder, Lewis National Corp.
HI-BASEX A, zeolite, Hungerford & Terry, Inc.
HIGH FLASH SHELL-SOL, naphtha petroleum solvent, Shell Oil Co., Inc.
HIGH-SPEED, curtain drier, drying tumbler, American Laundry Machinery Co.
HI-GRADE, leather belting, cement, dressing, Cornell Belting Co.
HI-INVERSAND, zeolite, Hungerford & Terry, Inc.
HILD, rug and carpet shampooing equipment, Hild Floor Machine Co.
HILO, built low filter soap powder, Armour & Co.
HI-LO, condensation return pump, Yeomans Bros. Co.
HILO-CHROME, chrome base bonding mortar, Mexico Refractories Co.
HILONET, high temperature bonding mortar, Mexico Refractories Co.
HI-LUSTRE, for glazing fluid, Bernard Sirotta Co.
HI-SPEED, rail fittings, Time Savers, Inc.
HI-SPEED, washers, Zephyr Laundry Machinery Co.
HI TEST, high pressure welded boilers, Kewanee Boiler Corp.
HI-TEST, moth spray, Bernard Sirotta Co.
HOFFCO-VAC, portable vacuum cleaner, U. S. Hoffman Machinery Corp.
HOFFMAN, dryscleaning, laundry machinery, U. S. Hoffman Machinery Corp.
HOFFMANETTE, dress shaper, U. S. Hoffman Machinery Corp., Valstar Dist.
HOLDAPRES, trouser hanger, R & C Engineering Co.
HOLD-FAST, belt dressing, I. B. Williams & Sons
HOLTITE, collar supports, Wormwood, Smith & Loomis, Inc.
HOL-TITE, marking tags, Liberty Marking Tag Co., Inc.
HOLT WHIRLWIND, floor polishers, Holt Mfg. Co.
HOMO-FLEX, hose, belting, Raybestos-Manhattan, Inc.
HOODCLOR, bleach, Hood Chemical Co., Inc.
HOOF, automobile and engine governors, Hoof Products Co.
HOOPERWOD, cotton press padding, nets, William R. Hooper & Sons Co.
HOOSIER PEARL, corn starch, National Starch Products, Inc.
HOPE, tapes, belting, Hope Webbing Co.
HOPKINS, washing machines, tanks, Hopkins Equipment Co.
HOPKINS ATOMIZER, spotter, Hopkins Equipment Co.
HOPKINS FILTER, horizontal, bag-type filter, Hopkins Equipment Co.
HORNAC, exterior paint, A. C. Horn Co., Inc.
HORN DRI-N-TITE, roof coating, A. C. Horn Co., Inc.
HORNGLAZE, floor wax, A. C. Horn Co., Inc.
HORN NU-WAY RESURFACER, resurfacing for concrete floors, A. C. Horn Co., Inc.
HORNSEAL, boiler setting, A. C. Horn Co., Inc.
HOT-SHOT, condensation return pump, Yeomans Bros. Co.
HOTT PATCH, heat setting high temperature cement, Ramtite Co., Div. S. Obermayer Co.
HUBER, overfeed stokers, Flynn & Emrich Co.
HUBINGER COMPOUND, corn starch, Hubinger Co.
HUB-PERFORATING, laundry marking tags, Boston Clip & Tag Co.
HUDSON BLEACH, sodium hypochlorite, Kuehne Chemical Co.
HUEBSCH, tumblers, Huebsch Mfg. Co.
HUMIDIGRAPH, direct-reading humidity recorder, Bristol Co.
HUNGERFORD, filters, Hungerford & Terry, Inc.
HYDRANOL, wetcleaning Celanese soap, Keystone Aniline & Chemical Co., Inc.
HYDRAULIC HANDLIFT and FOOTLIFT, trucks, Lewis-Shepard Products, Inc.
HYDRAXTOR, extractor, Zephyr Laundry Machinery Co.
HYDRAZENE, rust remover, National Cleaners Chemical Mfg. Co.
HYDREPEL, naphtha-soluble waterproofing, National Cleaners Chemical Mfg. Co.
HYDROBREAK, laundry chemical, Diamond Alkali Co.
HYDRO CLARO, bleach, Lewis National Corp.
HYDROLATE, laundry chemical, Diamond Alkali Co.
HYDROSULFITE OF SODA, stripping agent, Jacques Wolf & Co.
HYDROSULPHOSOL, ointment for burns, Rees-Davis Drugs, Inc.
HYEX, super duty firebrick, McLeod & Henry Co., Inc.
HYFLO SUPER-CEL, filter powder, Johns-Manville
HY-GLOS, gummed, ungummed labels, Tompkins Label Service
HYGRADE, plastic buttons, Hygrade Button & Supply Co.
HY-LO, blanket washer, American Laundry Machinery Co.
HYPAC, bleach, Lewis National Corp.
HY-SOL, soap builders, Thompson-Hayward Chemical Co.
HYSPAR, aluminum underpaint, white enamel underpaint, Midland Paint & Varnish Co.
HYTEMPITE, high temperature bonding mortar, Quigley Co., Inc.
HYTEXAL, built tallow soap, M. Werk Co.
HY-V AIR JET, high velocity concentrated cooling fan, Deflothezat Fans Div., American Machine and Metals, Inc.
HYWHITE, blue, Lewis National Corp.
HY-WITE, soap, H. Kohnstamm & Co., Inc.

I

I.D.N., iodine stain remover, Package Chemical Co., Inc.
IMO, rotary pump, De Laval Steam Turbine Co.
I.S., press clamp, slip chain, racks, Ink-O Products Co.
IXL, laundry soaps, Fry Bros. Co.
IDEAL, cover cloth, sour, Lewis National Corp.
IDEAL, filter paste soap, National Cleaners Chemical Mfg. Co.
IDEAL STYLE A, laundry washer, American Laundry Machinery Co.
IGEPALS, synthetic detergents, General Dyestuff Corp.
IGEPONS, synthetic detergents, General Dyestuff Corp.
IMPACTOR, valve handwheel, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
IMPERIAL, asbestos pipe covering and blocks, Imperial Co.
IMPERIAL, chest type ironer, Imperial Laundry Machinery Co.
IMPREGNOLE, water repellent, Warwick Chemical Co.
IN-CEL-ATE, insulating cement, Mexico Refractories Co.
INCO, metal castings, fittings, tubings, nickel alloy fittings, castings, etc., International Nickel Co., Inc.
INCONEL, alloy of nickel and chromium, International Nickel Co., Inc.
INDEL-O-MARK, indelible fountain pen, ink cartridges, Mark-O Products Co.
INDIAN, laundry soap, North Coast Chemical and Soap Works
INDIAN HEAD, uniform fabric, Nashua Mfg. Co.
INDUSTRIAL, cylinders, extractors, tumblers, washers, Industrial Laundry Machinery Co., Inc.
INDUSTRIAL, soap chips and powder, Armour & Co.
INGERSOLL-RAND, compressors, blowers, pumps, Ingersoll-Rand Co.
INGRAIN, laundry starch, Industrial Grain Products, Ltd.
INKEX, ink remover, Patek & Co.
INKGO, liquid oxidizing agent, A. L. Wilson Chemical Co.
INK-KLEEN, indelible ink remover, Kem Laboratories
INNER-PACK, steel split repair sleeves, Dresser Mfg. Div., Dresser Industries, Inc.
INSTANT, moth killer, Berlou Mfg. Co.
INSTITUTIONAL, starch, A. E. Staley Mfg. Co.
INSTRUCTOR, spot remover, R. R. Street & Co., Inc.
INSULAG, plastic refractory lagging and finishing material for high temperature equipment, Quigley Co., Inc.
INSULBRIX, insulating firebrick, Quigley Co., Inc.
INSULCRETE, refractory material, Quigley Co., Inc.
INTERNATIONAL, trucks, International Harvester Co.
INTEX, integral seat valves, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
INVERCARD, zeolite, Hungerford & Terry, Inc.
INVERSAND, water softening minerals, water softeners, Hungerford & Terry, Inc.
INVINCIBLE, laundry nets, John T. Stanley Co., Inc.
IODASE, iodine stain remover, Greenville Chemical Co.
IRON CITY, duck cover, Pittsburgh Waterproof Co.
IRON FIREMAN, stokers, gas and oil burners, Iron Fireman Mfg. Co.
IRON HORSE, metalware, Rochester Can Co.
IRONOIL, ironing surface lubricant, Patek & Co.
IRON OILITE, machine parts, lubricating bearings, Amplex Div., Chrysler Corp.
IRON-RITE, metallic flatwork ironer pads, Fullo Corp.
IROQUOIS, soap, Lewis National Corp.
IROX, iron-oxide-zinc chromate paint, Subox, Inc.
ISOCLOR, powdered bleach, Carman & Co., Inc.
ISOGRAPH, stencil ink, Carman & Co., Inc.
ISOMODE, vibration absorber pads, press shock absorber units, MB Mfg. Co.
ISOTABS, tablet-form laundry blue, Carman & Co., Inc.
IVORY, soaps, chips, powder, Procter & Gamble Distributing Co.

J

J.F.S., variable speed reducers, Stephens-Adamson Mfg. Co.
J-M, O-Rings, gaskets, Johns-Manville
J-P-S, drycleaning soap, R. R. Street & Co., Inc.
JANET, steam necktie presses, glove forms, Sheffler-Heinz Mfg. Co.
JAY BEE, super duty firebrick, Mexico Refractories Co.
JAY-DEE, fur stretcher and softener, mothproofing liquid, Jay-Dee Inc., Mfg. Chemists
JEFFERSON ISLAND, salt, Jefferson Island Salt Co., Inc.
JETVEYOR, steam jet ash conveyor, Brady Conveyors Corp.
JIFFY, blanket washer, Abe Cohen and Son
JIFFY, cuff brusher, bagging devices, Medalie Mfg. Co.
JIFFY, puff irons, Columbia Laundry Machinery Co.
JIFFY, sock turner, Time Savers, Inc.
JIFFY SORTERS, sorting hooks with clip attached, Frank B. Smith Co.
JIFFY-STICK, ink remover, National Cleaners Chemical Mfg. Co.
JIF-TY, press covers, pads, Tingue, Brown & Co.
JIM DANDY, press cover springs, Jim Dandy Products
JOHNSON, flexible metal hose, Johnson Metal Hose, Inc.
JOHNSON, ironer oil, liquid stripper, Johnson Chemical Industries, Inc.
JOHNSON, rotary pressure joints, steam water heater, compressed air separators, compressed air aftercoolers, high temperature boiler feed system, solenoid valves, automatic boiler water controls, Johnson Corp.
JOMAC, nylon and wool cover cloth, C. Walker Jones Co.
JUMBO, metallic wool padding, International Steel Wool Corp.
JUNIOR, extractor, Fletcher Works, Inc.
JUNIOR CHALLENGER, washer, Miller Laundry Machinery Co.
JUNIOR KING, net pins, Keyes-Davis Co.

K

K.A.T., water conditioner, American K.A.T. Corp.
K-D, nets, marking pins, Keyes-Davis Co.
K-L, wetcleaning soap, Northeastern Soap & Chemical Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

KMS, mothproofing agent, Kinford Co.
K.O.P., coco-potash soap, Armour & Co.
K & T, valves, Kliptel Mfg. Co.
KALITE, calcium carbonate, Diamond Alkali Co.
KAME-n-KLEEN, soap powder, Kamen Soap Products Co., Inc.
KAMENOL D, synthetic detergent, Kamen Soap Products Co., Inc.
KAMENOL M, powdered laundry soap, Kamen Soap Products Co., Inc.
KAMENOL 92, soap flakes, Kamen Soap Products Co., Inc.
KAMENOL 60, soap beads, Kamen Soap Products Co., Inc.
KAMEX R, vegetable powdered low-titer soap, Kamen Soap Products Co., Inc.
KANE, gas-fired steam boilers, Mears-Kane-Ofeldt, Inc.
KANTARK, non-renewable fuses, Trico Fuse Mfg. Co.
KARAGAMI, powdered wax, Concord Chemical Co.
KARGO-KING, aluminum-alloy van panel truck bodies, J. B. E. Olson Corp.
KARPET-KARE, carpet cleaner, Bigelow-Sanford Carpet Co.
KATOLIGHT, generators, light plants, Kato Engineering Co.
KAY, concentrated mothproofer, Kinford Co.
K-BI, break alkali, Laundry Chemicals Co.
K-BRITE, drycleaning soap, H. Krevit & Co., Inc.
KECKLEY, steam and liquid control equipment, O. C. Keckley Co.
KEEDOL, drycleaning filter soap with antiseptic and mothproofing, A. F. Wolke Co.
KEELER CP, boilers, E. Keeler Company
KEE-STAR, corn starch, Keever Starch Co.
KEEVER, rug and carpet size, Keever Starch Co.
KEEVER CLEANER, cleaner for metal sleeve form and press, Keever Starch Co.
KEKO, moth-repellent garment storage bags, Kennedy Car Liner & Bag Co.
KELCO, cutting oil, Keystone Lubricating Co.
KELITE, laundry and boiler compounds, Kelite Products, Inc.
KELLEY, heat reclaimers, hot water heaters, storage heaters, Patterson-Kelley Co., Inc.
KELLOGG-AMERICAN, air compressors, paint spray equipment, exhaust fans, American Brake Shoe Co., Kellogg Div.
KELMAKER, pressure filters, vacuum traps, sight glass assemblies, Kelmaker Mfg. Co.
KEM-BLU, liquid blue, Kem Laboratories
KEMINATE, synthetic detergent, Kem Laboratories
KEMITE, sour, Kem Laboratories
KEMO, alkali compounds, Kem Laboratories
KENNEDY, paper bags, Kennedy Car Liner & Bag Co.
KENNEY, water softeners, filters, zeolite, Kenney Softener and Filter Co.
KENTUCKY, trucks, dollies, hampers, boxes, Kentucky Box & Truck Co.
KEWANEE, heating boilers, power boilers, storage water heaters, steel tanks, water heating garbage burners, Kewanee Boiler Corp.
KEY-LOK, brake blocks, Raybestos-Manhattan, Inc.
KEYLUBRIC, air tool lubricant, Keystone Lubricating Co.
KEYSTONE, alkalis, Swift & Co.
KEYSTONE, extractors, Keystone Laundry Machinery Co.
KEYSTONE, leather and liquid glove soap, nail polish remover, white kid glove bleach, Keystone Aniline & Chemical Co., Inc.
KEYSTONE, water heaters, Crane Co.
KEYSTONE, wax spot remover, Keystone Lubricating Co.
KEY-TAG, automatic mechanical identification system, Key-Tag Checking System Co.
KEYTEX, drycleaning soap, Keystone Aniline & Chemical Co., Inc.
K-555, low temperature soap powder, Laundry Chemicals Co.
KIDDE, fire extinguishers, Walter Kidde & Co., Inc.
KILLARNEY, laundry blue, Patek & Co.
KILLFYR, automatic fire extinguisher, General Machine Supply Co.
KING, ware hangers, Vail Mfg. Co.
KING, garment pressing machines, Ben A. Solomon
KING-CLIP, gate valve, Lunkenheimer Co.
KIRK'S, spray guns, formers, finishers, Kirk's Leather Cleaners
KISCO, boiler room equipment, Kisco Boiler & Engineering Co.
KLEANWELL, oil soap, Minnesota Chemical Co.
KLEENAP, rug detergent, H. Kohnstamm & Co., Inc.
KLEENFLO, activated sweetener, L. A. Salomon & Bro.
KLEEN-RITE, paste soap, National Cleaners Chemical Mfg. Co.
KLEEN-SHEEN, paste rug soap, Adco, Inc.
KLEERITE, indelible inks, American Writing Ink Co., Inc.
KLEERVU, safety eye guard, gauge glass protector, Wright-Austin Co.
KLENEASE, wetcleaning soap, Caled Products Co., Inc.
KLERA CID, laundry sour, Wyandotte Chemicals Corp.
KLEX, pumice soap, Colgate-Palmolive-Peet Co.
KLIEGSPUN, sour, Kliegman Bros., Inc.
KLIPFEL, valves, Kliptel Mfg. Co.
KLIPLOK, clamps for fuse clips, test clamps, Trico Fuse Mfg. Co.
KLIP-ZIT, drier clips, Time Savers, Inc.
K-LIQUID SOAP, liquid soap, Laundry Chemicals Co.
KLIX, paint remover, Nu-Pro Mfg. Co.
KLORO, liquid detergent for use with synthetic solvent units, Adco, Inc.
K-MASTER, filters, traps, pressure regulating valves, Kave & MacDonald, Inc.
KNIGHT-WARE, acid-proof chemical stoneware, Maurice A. Knight
KNITTED PADDING, knitted padding, Knitted Padding Company
KNOTLOCK, laundry nets, New York Net Co.
KOKO, liquid wetcleaning soap, Adco, Inc.
KOKOWET, wetcleaning soap, Stadham Co., Inc.
KOLITE, cold water built soap, John T. Stanley Co., Inc.
KOL MASTER, stokers, Kol Master Corp.
KOLSTRIP, cold water liquid color stripper, Washine National Sands, Inc.
KOLURGO, hot water liquid color stripper, Washine National Sands, Inc.
KOMO, blues, ironer oil, Minnesota Chemical Co.
KOMONOL, organic detergent, Minnesota Chemical Co.
K-122, soap builder, Laundry Chemicals Co.
KOSMETEX, spotter for cosmetic stains and liquors, Patek & Co.
KOVERLOX, file fasteners, Speed Products Co., Inc.
KOYLON FOAM, pressing pads, U. S. Rubber Co., Koylon Div.
KROMOAK, leather and waterproof leather belting, Charlotte Leather Belting Co.
KROMOTAN, leather and waterproof leather belting, Charlotte Leather Belting Co.
K-SOLVENT, detergent for industrial wetwash, Laundry Chemicals Co.
KUNKLE, safety and relief valves, Kunkle Valve Co.
KURB-SIDE, motor truck bodies, J. B. E. Olson Corp.
KWICK, fluorescent bleach, Eaton Chemical & Dyestuff Co.
KWIK CHANGE, cover and iron springs, Time Savers, Inc.
KWIK KOVER, hanger shields, Kwik Kover Sales Co.
KWIK-SET, bag and net holders, Time Savers, Inc.
KWIK SUDS, laundry soap, Kem Laboratories
KWIK TAG, marking tags, Kwik Kover Sales Co.
KWK VOLCLAY, bentonite clay, American Colloid Co.

L.

L & B, nylon net pins, Key-Tag Checking System Co.
LMC, pumps, Lubbock Machine Co., Inc.
L-N, sour, tags, Lewis National Corp.
L.S.R., lipstick remover, Murphy Sales Co.
L.W.C., insulating castable refractory, Ramtite Co.
LACLEDE, grates, stokers, Laclede Stoker Co.
LACQUERSOL, spotting agent, Nu-Pro Mfg. Co.
LA FRANCE, pumps, American-La France-Foamite Corp.
LAIDLAW, hangers, W. A. Laidlaw Wire Co.
LAMTEX, floor mats, press pads, Burgess-Berliner Associates
LANATEX, controlled alkaline detergent for fugitives, Carman & Co., Inc.
LANATEX C, alkaline detergent for carpets and rugs, Carman & Co., Inc.
LANE, baskets, trucks, hampers, W. T. Lane & Bros., Inc.
LAPELETTES, lapel protectors, M. H. Grossauer Co.
LATCO, boilers, F. M. Lattner Mfg. Co.
LATHERINE, rug cleaner, Continental Car-Na-Var Corp.
LATTNER, boiler feed pumps and return systems, F. M. Lattner Mfg. Co.
LAUNDERLOG, recording washwheel thermometer, water level recorder, Foxboro Co.
LAUNDRITE, laundry starch, Clinton Foods, Inc.
LAUNDRY COMPOUND, soap builder, Solvay Sales Div., Allied Chemical & Dye Corp.
LAUNDRY SOUR, acid material for neutralizing, Turco Products, Inc.
LAUREL, rubber markers, Laurel Co.
LAVEKOL, spot washing, General Dyestuff Corp.
LAVEL APPARATUS, process for bleach, Wallace & Tiernan Products, Inc.
LAVOX, machinery enamel, Pittsburgh Plate Glass Co., Paint Div.
LAWSON, pulleys, hand trucks, wheels, casters, Menasha Wood Split Pulley Co.
LAYCO, garment hanger, Star Service Hanger Div., L. A. Young Spring & Wire Corp.
LAYNE, vertical turbine pumps, water well screens, Layne & Bowler, Inc.
LAYTITE, floor coating, Steeleote Mfg. Co.
LEATHERFAST, suede leather dye, Keystone Aniline & Chemical Co., Inc.
LEATHER-LIFE, leather dressing, Nyco Products Co.
LEATHER-LUSTRE, smooth-leather colors, Keystone Aniline & Chemical Co., Inc.
LEATHER SOAP, leather cleaning and glove soap, Spix Products Co.
LECTROLIER, fans, Sun Fluorescent Electric Co.
LED-PLATE, thread and gasket paste, Armite Laboratories
LEEBAW, counter conveyor, industrial trucks, Leebaw Mfg. Co.
LEEF, flexible forms, Leef Bros., Inc.
LENACO, baskets, bleaches, blues, ink, ironer oil, pads, flannels, press covers, cement, Lewis National Corp.
LENACO NO-SNAG, tumbler pads, Lewis National Corp.
LENASOL, disinfectant, Lewis National Corp.
LENDLE, overcoat shaper, U. S. Hoffman Machinery Corp., Valetor Div.
LEONARD, manually operated drycleaning press, Leonard Pressing Machine Co.
LESLIE, controls and regulators, pumps, valves, Leslie Co.
LESLIE-TYFON, whistles, horns, signals, Leslie Co.
LESO, glove soap, Nu-Pro Sales Corp.
LESTOIL, liquid synthetic detergent, Adell Chemical Co.
LETHALAIRE R-10, aerosol insecticide containing pyrethrins and D.D.T., Virginia Smelting Co.
LETHALAIRE V-20, aerosol insecticide containing pyrethrins and piperonyl butoxide (no D.D.T.), Virginia Smelting Co.
LETHOL MOTH FUMIGANT, insecticide, Mortemoth Chemical Lab.
LEVELENE, textile dyeing assistants, American Aniline Products, Inc.
LEVELENE FGD, color-setting liquid, American Aniline Products, Inc.
LEVELOL, stripper, Eaton Chemical and Dyestuff Co.
LEVELOMETER, gauges, Liquidometer Corp.
LEVELON, blue, H. Kohnstamm & Co., Inc.
LEWIS, baskets, trucks, G. B. Lewis Co.
LEWIS, rug binding machines, Lewis Invisible Stitch Machine Co.
L-4008, fluorescent bleach, Clinton Foods, Inc.
LIFE FOR FABRICS, water repellent and fabric conditioner, Franklin Research Co.
LIFETIME MOTHPROOFING, moth repellent, Silur Mothproof Co.
LIFETIME WALL, suspended boiler wall, George P. Bentley
LIGHTNING, water-repellent dip tank, Hopkins Equipment Co.
LIGHTNING CLEANER & SPOTTER, cleaning compound, Mortemoth Chemical Laboratories
LIGHTNING FURLIFE FUR & LINING CLEANER, cleaning compound, Mortemoth Chemical Laboratories
LIGHTNING UPHOLSTERY CLEANER, cleaning compound, Mortemoth Chemical Laboratories
LIME-SOLV, calcium solvent, H. Kohnstamm & Co., Inc.
LINCOLN, rug and carpet redyeing, Lincoln Rug Co., Inc.
LINEX, synthetic wetcleaning soap, Allen and Vickers, Inc.
LINK-BELT, chains, conveyors, stokers, power transmission machinery, Link-Belt Co.
LINN, special bodies, delivery trucks, Linn Coach & Truck Div., Great American Industries, Inc.
LION-BILT, work uniforms, Lion Uniform Co.
LIPOFF, cleaning compound, Mortemoth Chemical Laboratories
LIPSTICK-MUV, lipstick remover, Package Chemical Co., Inc.
LIQUA-BREAK, washroom detergent, Davies-Young Soap Co.
LIQUID BLUE, blue, Diamond Alkali Co.
LIQUID BLUE, blue, H. Kohnstamm & Co., Inc.
LIQUID DRICLENE, drycleaning detergent, Armour & Co.
LIQUID MORTEMOTH, insecticide, Mortemoth Chemical Laboratories
LIQUIDOMETER, gauges, Liquidometer Corp.
LIQUIVATOR, condensate return system, Morehead Mfg. Co.
LIQUON, water softening equipment, Liquid Conditioning Corp.
LIQUONEX, water treatment chemical, zeolites, Liquid Conditioning Corp.
LISTMAKER, listing machines, National Marking Machine Co.
LITTLE CHIEF, pumps, Fairbanks Morse & Co.
LITTLE GIANT, cuff and pocket cleaner, Little Giant Specialties
LITTLE GIANT, synthetic cleaning unit, West Coast Laundry Machinery Co.
LITTLE SCOTCHMAN, Scotch marine boilers, U. S. Hoffman Machinery Corp.
LITTLE WONDER, electric whiskbrush, American Steelbeard Co., Inc.
LIVE OAK, leather transmission belting, Eagle Belting & Leather Co.
LIXATE, rock salt dissolver, International Salt Co., Inc.
LOCK END, trouser guards, necktie forms, Paulin Products Co.
LOEBL, garment, rug dyeing, Loebl Dye Works, Inc.
LO-FRONT, washer, U. S. Hoffman Machinery Corp.
LOGIK, soap builder, Minnesota Chemical Co.
LO-HED, hoists, car pullers, American Engineering Co.
LOK-ITE, marking tags, Liberty Marking Tag Co., Inc.
LO-MAINTENANCE, electric motors, Allis-Chalmers Mfg. Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

LONGLIFE, ironer aprons, ironer ribbons, Tingue, Brown & Co.
LOOKOUT, boilers, Lookout Boiler & Mfg. Co.
LOSET, stokers, Canton Stoker Corp.
LOSTOKER, boiler stoker, Detroit Stoker Co.
LOUDEN, conveyors, cranes, hoists, Louden Machinery Co.
LOW FRONT, washers, Zephyr Laundry Machinery Co.
LOX-IN, collar supports, Time Savers, Inc.
LOYAL, automatic starcher, Armstrong Machinery Co.
LOYAL, pressing machines, vacuum systems, starching machines, Loyal Textile Machinery Corp.
LT 60, built red oil soap, M. Werk Co.
LUBEFLEX, starch aid lubricant, Crescent Chemical Div., Hood Chemical Co., Inc.
LUB-N-WAX, wax, Speare Co.
LUBRI-KLEEN, lubricating agent for ironers and presses, Paper Chemicals Co.
LUBRIPLATE, lubricants, Lubriplate Div., Fiske Bros. Refining Co.
LUCIDE A-20, waterproof insecticide, Pest Control Equipment Co.
LUPOGUM, size, Jacques Wolf & Co.
LUPOSEC, waterproofing agent, Jacques Wolf & Co.
LUSTER-ON, fur glaze, Nycco Products Co.
LUSTERSUDS, soap, H. Kohnstamm & Co., Inc.
LUSTERWAY COMPOUND, fur cleaning sawdust, Root & Co.
LUSTERWAY FORMULA, fur conditioner and glaze, Root & Co.
LUSTERWAY SOLVENT, fur cleaning solvent, Root & Co.
LUSTRALL, liquid synthetic cleaner, National Cleaners Chemical Mfg. Co.
LUSTRLUX, synthetic solvent drycleaning machine, Butler Mfg. Co.
LUXOL, starch lubricant, E. F. Drew & Co., Inc.

Mc

McDONNELL, boiler water level control, McDonnell & Miller, Inc.
McDONNELL & MILLER, water controls, McDonnell & Miller, Inc.
McELMOYL, canvas baskets, canvas shipping hampers, canvas basket trucks, W. J. McElmoyl Co.
McKEE-ECLIPSE, blowers, boiler feed and return systems, gas burners, controls, Eclipse Fuel Engineering Co.

M

M-K-O, automatic boiler feed systems, Mears-Kane-Ofeldt, Inc.
M. L. B., waterproof cemented leather belting and dressing, Milwaukee Leather Belting Co.
M&M, boilers, level controls, McDonnell & Miller, Inc.
M. S. A., aprons, first-aid equipment, safety equipment, salt tablets and dispensers, Mine Safety Appliances Co.
MACBETH DAYLIGHTS, color matching and daylight lamps, MacBeth Corp.
MACBETH pH METERS, control equipment, indicators, test kits, MacBeth Corp.
MACHETA AIRFOIL, industrial ventilating fans, Aerovent Fan Co.
MAFORCO, fur storage equipment, racks, Market Forge Co.
MAGIC, double collar support, J. W. Steele & Co.
MAGIC INKSTICK, ink eradicator, Nu-Pro Mfg. Co.
MAGNESOL, solvent clarifier, Westvaco Chemical Div., Food Machinery & Chemical Corp.
MAGNETROL, liquid level controllers, F. H. Schaub Engineering Co., Inc.
MAGNETTE, circuit breakers, Heinemann Electric Co.
MAGNISET, a type of free vane air-operated controller, Bristol Co.
MAGNUS, cleaning materials, Magnus Chemical Co., Inc.
MAINTENEX, cleaning compound, A. C. Horn Co., Inc.
MAJESTIC, drycleaning units, tumblers, filters, Indiana Mfg. Co., Inc.
MAJESTIC, steel steam boilers, Ames Iron Works
MAJESTIC, water softeners, Hammond Laundry-Cleaning Machinery Co.
MAMMOTH CASCADE, laundry washer, American Laundry Machinery Co.
MANHATTAN, belting hose, tank lining, Raybestos-Manhattan, Inc.
MANISOLV, prespotter, Merson Products Co.
MARCLENE, detergent, Martin Equipment Corp.
MARCO, hot water heaters, storage heaters, feed water heaters, oil separators, Marshall Heater Company
MARKOGRAPH, marking machines, marking ink, George Stiegler Co.
MARK-O-INK, indelible marking ink, Mark-O Corp.
MARK-O-PEN, stylus marking fountain pen, Mark-O Corp.
MARK RITE, tags, Lewis National Corp.
MARLEX, corrosion inhibitor, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
MARMON-HERRINGTON, all wheel drive truck, Marmon-Herrington Co., Inc.
MAROSAL, rinsing aid, Minnesota Chemical Co., Inc.
MARSH, valves, Jas. P. Marsh Corp.
MARTEX, non-slip composition flooring, treads, American Abrasive Metals Co.
MARTINIZING, drycleaning system, Martin Equipment Corp.
MARVEL, cotton padding, canvas cement, Pittsburgh Waterproof Co.
MARVEL, ink remover, Keystone Aniline & Chemical Co., Inc.
MARVEL, laundry, drycleaning equipment, Marvel Mfg. Co.
MARVEL, marking machine, foot powered staplers, indelible marking ink, Marvel Marking Machine Co.
MARVELCLEEN, synthetic drycleaning soap, Trico Chemical Div. of Tri-State Equipment Co.
MARVESO, drycleaning soap, Nu-Pro Mfg. Co.
MASONEILAN, steam plant equipment, Mason-Neilan Regulator Co.
MASTER, drying tumblers, Hammond Laundry-Cleaning Machinery Co.
MASTER, glove cleaning soap, Keystone Aniline & Chemical Co., Inc.
MASTER, lint brush, Master Products Co.
MASTER, valves, W. M. Chace Co.
MASTER-BILT, washers, B & G Machinery Co., Inc.
MASTER BRAND, hatters' equipment, supplies, Maxant Button & Supply Co.
MASTER CASCADE, laundry washer, American Laundry Machinery Co.
MASTER CHALLENGER, washer, Miller Laundry Machinery Co.
MASTER CONTROL UNIT, steam system, Velocity Steam Production Engineering, Inc.
MASTER DRY CLEANSER, paste drycleaning soap, Keystone Aniline & Chemical Co., Inc.
MASTER KING, net pins, Keyes-Davis Co.
MATEER, extractors, Western Laundry Machinery Co.
MECOLOID, colloidal clay compound, H. Kohnstamm & Co., Inc.
MEHL, transparent bags, Mehl Mfg. Co.
MENDEX, tabs and tapes for repairing, marking, Mendex Corp.
MEND-MASTER, machines for applying tapes or tabs, Mendex Corp.
MERASOL, drycleaning soap, R. R. Street & Co., Inc.
MERCO-BRITE, fluorescent dye, Merchants Chemical Co.
MERCURY, drycleaning systems, Mercury Cleaning Systems, Inc.
MERCURY, presses, Troy Laundry Machinery Div., American Machine and Metals, Inc.
MERCURY, soaps, detergents, Theobald Industries
MERSON, soaps, strippers, Merson Products Co.
METALASTIC, packings, Metalastic Corp.
METALATE, laundry chemical, Diamond Alkali Co.
METRO, delivery truck bodies for light, bulky loads, Metropolitan Body Co., Inc.
METSO, detergents, Philadelphia Quartz Co.
METSO 88, rug cleaner, Philadelphia Quartz Co.
METSO GRANULAR, sodium metasilicate, Philadelphia Quartz Co.
METSO 99, sodium sesquisilicate, Philadelphia Quartz Co.
METTLER, gas and oil burners, Lee B. Mettler Co.
MEX-R-CO, air and heat setting bonding mortar, Mexico Refractories Co.
MICRO-KLEAN, filter, Cuno Engineering Corp.
MICROMET, rust and corrosion preventative, Calgon, Inc.
MICROSOL, deodorant, fog generator, insecticide, Silver Creek Precision Corp.
MIDCO, flameproofing agent, Merson Products Co.
MIDGET, controls, Morehead Mfg. Co.
MIDGET KING, marking pins, Keyes-Davis Co.
MIDGET PERFECTION MARKER, marking machine, Perfection Marking Machine Co.
MIDOFORM, all around spotter, Merson Products Co.
MIF, pipe fittings, Malleable Iron Fittings Co.
MILCO, rug beaters, driers, unholstery, shampooing machine, A. O. Miller & Co.
MILDEX, mildewicide, Patek & Co.
MILLER, laundry washers, Miller Laundry Machinery Co.
MILLER, lighting fixtures, Miller Co.
MILLICAL, calcium carbonate, Diamond Alkali Co.
MILNOR, laundry, drycleaning extractors, Pellerin Milnor Corp.
MILO, drycleaning paste soap, R. R. Street & Co., Inc.
MINCO, sours, Minnesota Chemical Co.
MINIATURE SLEEVERS, sleeve formers, Wichita Precision Tool Co., Inc.
MIN-IT-SOL, drycleaning soap, Murphy Sales Co.
MINUTE MAN, extractor presses, Troy Laundry Machinery Div., American Machine and Metals, Inc.
MINUTE MAN, JR., tumblers, Troy Laundry Machinery Div., American Machine and Metals, Inc.
MIRZA, rug cleaning system and machine, rug duster, rug dryroom conveyor, rug drying unit, rug wringer, American Laundry Machinery Co.
MITCO, drycleaning washer, tumblers, J. B. Mitchell Co.
MKAYO, boilers for oil firing, Mears-Kane-Ofeldt, Inc.
MOBIL MARKR JUNIOR, all-in-one storage bin, hopper, marking table, G. H. Bishop Co.
MOCO, drycleaning soap, Package Chemical Co., Inc.
MODEL GT, friction clutches, T. B. Wood's Sons Co.
MODINE, unit heaters, coolers, Modine Mfg. Co.
MOELLER, gauges, pyrometers, recorders, thermometers, Moeller Instrument Co.
MOHAWK, padding, Egan Cotton Mills
MOHAWK, power driven scraper for removing soot from inside boiler tubes, Brunt Mfg. Co.
MOHAWK, tallow soap chips and powder, Swift & Co.
MOHAWK, tire recapping stock, tire repair materials, Mohawk Rubber Co.
MONA, heaters, Mona Sales Co.
MONARCH, return to boiler systems, Hammond Laundry-Cleaning Machinery Co.
MONARCH, washer, American Laundry Machinery Co.
MONARCH, wire staples, Vail Mfg. Co.
MONEL, alloy of nickel and copper, International Nickel Co.
MONELLO, Monel pads for overall presses, Resillo Co.
MONEX, extractor, American Laundry Machinery Co.
MONITE, insured mothproofing, Monite Co., Inc.
MONOBLOC, close coupled centrifugal pumps, Worthington Pump & Machinery Corp.
MONO-FABRIK, plastic firebrick, Mexico Refractories Co.
MONO-LINE, plastic firebrick, Quigley Co., Inc.
MONOMORE, marking tables, National Marking Machine Co.
MONOPOLE OIL, for dyeing and finishing, Jacques Wolf & Co.
MOORE, autographic register, Moore Business Forms, Inc.
MOORES OCTOCLENE, rug cleanser, Moores Time Saving Equipment Co.
MORE-DRAIN, channel roofing, Berger Mfg. Div., Republic Steel Corp.
MO-REX, dry press firebrick, Mexico Refractories Co.
MORHEAT, boiler and steam generators, hot water systems, Morheat Sales Co.
MORLEX, corrosion inhibitor for boiler water and steam, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
MOROCCO, rug sizings, National Starch Products, Inc.
MORSE, drum plug wrench, drum dispensing racks, bottle tippers, drum hand trucks, Morse Mfg. Co., Inc.
MORTEMOTH TRIPLE STRENGTH CRYSTALS, insecticide, Mortemoth Chemical Laboratories
MORTEMOTH TRIPLE STRENGTH SPRAY, insecticide, Mortemoth Chemical Laboratories
MOTH-ASEPTIC, mothproofing germicide, Perm-Aseptic Corp.
MOTHPROOFITE, insecticide, mothproofing concentrate, Mortemoth Chemical Laboratories
MOTHPRUF-D, mothproofer, Atlantic Stampruf Co., Inc.
MOTH-SAN, mothproofing agent, Huntington Laboratories
MOTH SEAL, storage bags, Lincoln Bag Co., Inc.
MOTH SECTOL, all-purpose moth spray, Fumol Corp.
MOTOPUMP, water supply pump, Yeomans Bros. Co.
MOTO-RACK, garment carrier, G. H. Bishop Co.
MOTOR PUMP, solvent and water pump, Ingersoll-Rand, Cameron Pump Div.
M-26 and M-22, insulating firebrick, Mexico Refractories Co.
MULSOLITE, lubricant, spotter, penetrant, R. R. Street & Co., Inc.
MULTI-CLEAN, rug scrubbing equipment, rug and upholstery shampoo, Multiclean Products, Inc.
MULTI-CUSHION, felt padding, Pittsburgh Waterproof Co.
MULTIFLEX, calcium carbonate, Diamond Alkali Co.
MULTIGRAPH, hand operated duplicating machine, Addressograph-Multigraph Corp.
MULTITHERM, air-conditioning units, Clarage Fan Co.
MULTI-V DRIVE, V belt drives and sheaves, Worthington Pump & Machinery Corp.
MUND'S, inclined water tube boiler, Mund Boilers, Inc.
MURCO, unit heaters, D. J. Murray Mfg. Co.
MUROZA, feather cleaning and sterilizing system, American Laundry Machinery Co.
MUST, drycleaning soap, Scientific Supply Co., Inc.
MW 50, asbestos furnace cement, Philip Carey Mfg. Co.
MYRO, water softeners, Hungerford & Terry, Inc.
MYSTRON, drycleaning unit, U. S. Hoffman Machinery Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

N

N-C, staples, Neva-Clog Products, Inc.
N-L, plastic impregnated tags, ink, Nicholson Laboratories
N-M-D, angle and globe valve, Lunkenheimer Co.
N-R-G, enzymic digester, George E. Mead Co.
NACCONOL, synthetic organic detergent, National Aniline Division, Allied Chemical & Dye Corp.
NAGEL, garment hangers, Nagel Coat Hanger Co.
NAIROIL, small oil burners, National Airoil Burner Co., Inc.
NALCO, heating units for driers, North American Electric Lamp Co.
NALCO, water treatment chemicals, National Aluminate Corp.
NALCOMETER, water testing device, National Aluminate Corp.
NAMICO, alkali compounds, laundry silk and woolen soap, National Milling & Chemical Co.
NAPHLENE PASTE FILTER SOAP, dryleaning soap, Keystone Aniline & Chemical Co., Inc.
NAPSEPTIC, sour, E. F. Drew & Co., Inc.
NAPSOAP 40, laundry soap, E. F. Drew & Co., Inc.
NAPSOAP 60, laundry soap, E. F. Drew & Co., Inc.
NAPSOID, alkali compound, special detergents, E. F. Drew & Co., Inc.
NAPSOLV, spotting agent, E. F. Drew & Co., Inc.
NAPSO 22, oil built soap, E. F. Drew & Co., Inc.
NAPSOUR, sour, E. F. Drew & Co., Inc.
NAPSUDS, rug and carpet soap, E. F. Drew & Co., Inc.
NAPTEX, oil built soap, E. F. Drew & Co., Inc.
NAPTHOLE, ironer oil, E. F. Drew & Co., Inc.
NAPTHOLE, alkali compound, special detergents, E. F. Drew & Co., Inc.
NAPWAX, ironer wax, E. F. Drew & Co., Inc.
NASHUA, double face flannel, Nashua Mfg. Co.
NASHUA, package sealing machine, Nashua Package Sealing Co.
NATIONAL, belt conveyors, marking equipment, National Marking Machine Co.
NATIONAL, cash registers, accounting machines, National Cash Register Co.
NATIONAL, driers, stretchers, drying cabinets, tumblers, National Dryer Mfg. Co.
NATIONAL, identification systems, labels, seals, price lists, tags, National Tag & Label Corp.
NATIONAL, marking machines and marking ink, National Marking Machine Co.
NATIONAL AIROIL, oil burners and gas burners, National Airoil Burner Co.
NATIONAL LANG, listing machines, National Marking Machine Co.
NATIONAL TAYPER, sealing machine, Nashua Package Sealing Co., Inc.
NAT-MAR-CO, marking machine supplies, National Marking Machine Co.
NEATS OIL, belt dressing, Webb Belting Co.
NEBULYTE, gas, gas-oil, oil burners, torches, Anthony Co.
NEO-SYN, synthetic detergents, Speare Co.
NEOTEX, specialty soap, Turco Products, Inc.
NEPTUNE, leather belt cement, Graton & Knight Co.
NE-TO, starch, A. E. Staley Mfg. Co.
NETRA-LENE, deodorant neutralizer, Davies-Young Soap Co.
NEUTRACIDE, sour, Lewis National Corp.
NEUTRALEX FILTERS, pH correction, Hungerford & Terry, Inc.
NEUTRA LUSTRE, for rug cleaners, Standard Chemical Works Co.
NEUTRASOL, synthetic detergent, Lewis National Corp.
NEUTRATEX, sour, Lewis National Corp.
NEUTRATINT, sour, Lewis National Corp.
NEUTRO, sour, Turco Products, Inc.
NEUTROGEN, sour, Lewis National Corp.
NEUTRONAP, sour, E. F. Drew & Co., Inc.
NEUTROPHOR, laundry neutralizer and whitener, Carlton Chemical Co., Inc.
NEUTROSOAP, neutral laundry soap, Carlton Chemical Co., Inc.
NEUTROTONE, detergent, Mathieson Chemical Corp.
NEVA-CLOG, stapling machines, Neva-Clog Products, Inc.
NEVA-SLIP, pants clip, Commercial Tag Co.
NEVASTANE, lubricant, Keystone Lubricating Co.
NEVER-SLIP, collar protectors, Phoenix Products Co.
NEVERSLIP, tie hangers, Memphis Hanger Co. and Pittsburgh Hanger Co.
NEVERSTRETCH, feed ribbon, Southern Mills, Inc.
NEW DEPARTURE, ball, radial and thrust bearings, New Departure, Div. General Motors Corp.
NEWMAN, watchmen's clocks, Detex Watchclock Corp.
NEW NO. 30 CLEANER, fur cleaner, Nycco Products Co.
NEW YORKER, drycleaning, laundry presses, New York Pressing Machinery Co.
NIAGARA, filter screens, Niagara Filter Corp.
NIAGARA, water meters, Buffalo Meter Co.
NICE, ball and thrust bearings, Nice Ball Bearing Co.
NICHOLSON, strainers, floats, traps, W. H. Nicholson & Co.
NOAH'S PITCH, caulking compound, Philip Carey Mfg. Co.
NO-BAK, ironer, Zephyr Laundry Machinery Co.
NO-CHLOR, spotting agent, Nu-Pro Mfg. Co.
NO-DARN, mending iron, No Darn Co.
NO-EFFORT, handkerchief and napkin press and handkerchief fluffer, American Laundry Machinery Co.
NOEX, petroleum solvent drycleaning unit, drycleaning tumbler, American Laundry Machinery Co.
NOKOMIS, built laundry soap, low titer built soap, Minnesota Chemical Co.
NOKORODE, drycleaning, laundry press pads, Fulle Corp.
NO-KRUSH, garment carrier, U. S. Hoffman Machinery Corp., Valetor Dist.
NOLA TOILET SOAP, soaps, Iowa Soap Co.
NO LAX, spotting agent, Warco Laboratories
NO-MAR TREATMENT, stain and water repellent, Paper Chemicals, Inc.
NO-MIX, bundle separators, Rosenthal Mfg. Co.
NOMOLD, mold preventative, H. Kohnstamm & Co., Inc.
NON-CRUSH, shirt carriages, Time Savers, Inc.
NON-FER-AL, calcium carbonate, Diamond Alkali Co.
NON-SHIFT, wire garment hanger, Para-Lux Products Co.
NON-SKID, floor tiles, Virginia Greenstone Co., Inc.
NON X.L., laundry marking tags, water repellent, Boston Clip & Tag Co.
NORTH STAR, fur cleaner, Walter Haertel Co.
NORUST, laundry sour, Washine National Sands, Inc.
NOR-WIL, press covers, Norton & Williams, Inc.
NORWOOD CASCADE, washer, American Laundry Machinery Co.
NOSOK, non-enzymic digester, spot remover, George E. Mead Co.
NO-STRING MARK, tape device for flatwork presses, Rosenthal Mfg. Co.
NOTASTANE, lubricant, Keystone Lubricating Co.
NO-THREAD, compression fittings, Dresser Mfg. Division, Dresser Industries, Inc.
NOTRUX, mechanical loading and unloading extractor, American Laundry Machinery Co.
NO-VENT, boiler return system, David Stout & Sons
NU-CLEANING, drycleaning unit, U. S. Hoffman Machinery Corp.
NU-COAT, glove and leather finish, National Cleaners Chemical Mfg. Co.
NU-FLO, laundry sour, Johnson Chemical Industries, Inc.
NUMBER 4, blue, stripper, Lewis National Corp.
NUMBER 5, 11, 33, blues, Lewis National Corp.
NUMBER 44, blue, Minnesota Chemical Co.
NUMBER 209, general formula, R. R. Street & Co., Inc.
NUMBERETTE, hand numbering machine, American Numbering Machine Co.
NU-NAP, rug cleaner, Certified Chemical Co.
NUODEX 87, mildew preventative, Nuodex Products Co., Inc.
NU-PRO, ink and stain remover stick, Nu-Pro Mfg. Co.
NU-SHEEN, dyeing service, Omaha Dye Works
NUSHENE, special alkali compounds, Speare Co.
NU-SO, detergent, Nu-Pro Mfg. Co.
NU-SOL, soap builders, Thompson-Hayward Chemical Co.
NUSOLV, spotting agent, Nu-Pro Mfg. Co.
NUSUEDE, suede finishes, Eaton Chemical and Dyestuff Co.
NU-TEX, drycleaning soap, Nu-Pro Mfg. Co.
NU-TEX-TIZE, drycleaning detergent, Nu-Life Mfg. Co.
NUTROL, synthetic wetcleaner, Keystone Aniline & Chemical Co., Inc.
NUTRONAP, sour, E. F. Drew & Co., Inc.
NUTTING, floor trucks, casters, wheels, Nutting Truck and Caster Co.
NUVIVEX, synthetic detergent, Dettelbach Chemical Corp.
NU-WAY, liquid filter soap, Davies-Young Soap Co.
NU-WOOD, insulation board, Wood Conversion Co.
NYCCO BRAND DYES, prepared for dyes, Nycco Products Co.
NYCCO MOTH SPRAY, insecticide, Nycco Products Co.
NYLCOT, laundry net, Southern Mills, Inc.
NYLO, filter and laundry bags, press covers and cloth, X. S. Smith, Inc.
NYLONETS, nylon laundry nets, X. S. Smith, Inc.
NYLOTEX, nylon press covers, X. S. Smith, Inc.
NYTRON, synthetic detergent, Solvay Sales Div., Allied Chemical & Dye Corp.
NY-WUL, press covers, Stadham Co., Inc.

O

O.I.C., all type valves, Ohio Injector Co.
O.T., laundry, drycleaning extractors, American Laundry Machinery Co.
OAKITE, detergents, Oakite Products, Inc.
OAKITE PENETRANT, detergent, Oakite Products, Inc.
OASIS, drinking water cooler, Ebco Mfg. Co.
OBARK, leather belting, waterproof leather belting, Charlotte Leather Belting Co.
OBLITO, stain remover, H. Kohnstamm & Co., Inc.
OCCO, extractor baskets, Ohio Centrifugals Co.
OFELDT, boiler, Mears-Kane-Ofeldt, Inc.
OILGO, concentrated spotting agent, Carman & Co., Inc.
OILITE, self lubricating bearings, machine parts, Amplex Div., Chrysler Corp.
OIL-KLEEN, oil remover, Kem Laboratories
OIL-RITE, oil cups, oilers, Oil-Rite Corp.
OILZOUT, oil remover, Washine National Sands, Inc.
O.K. PEARL STARCH, corn starch, Hubinger Co.
O.K. POWDERED STARCH, corn starch, Hubinger Co.
O.K. THIN BOILING STARCH, corn starch, Hubinger Co.
OLATE FLAKES, low titer soap, Procter & Gamble Distributing Co.
OLIVE C., soap, Stadham Co., Inc.
OLIVESCO, detergent, Cowles Chemical Co.
OLSENMARK, marking inks, marking machinery, stamping presses, OlsenMark Corp.
OLSON, pressure filters, solvent stills, Olson Filtration Engineers, Inc.
OLSON KURB SIDE, aluminum package delivery body, J. B. E. Olson Corp.
OLYMPIC, extractor, Troy Laundry Machinery Div., American Machine & Metals, Inc.
OMNI-SOUR, laundry sour, Carlton Chemical Co., Inc.
ONE-LAY, shirt finishing machine, J. W. Steele & Co.
132, starch, A. E. Staley Mfg. Co.
$1000.00 GUARANTEED, insecticides, B. Heller & Co.
ON-THE-SPOT, synthetic drycleaning equipment, A. B. Temple Co.
OPALEX, optical bleach, Cidex Corp.
OPALOID, buttons, Stadham Co., Inc.
OPERATIVE TI-ME-TER, time signals, visual, audible equipment control, Bildwel Mfrs.
OPTO-MATIC, constant level oilers, Trico Fuse Mfg. Co.
ORATOL L-48, synthetic detergent, Jacques Wolf & Co.
ORR, wool padding, Orr Felt & Blanket Co.
ORTHOLATE, laundry chemical, Diamond Alkali Co.
ORTHOSILICATE, detergent, Diamond Alkali Co.
ORVUS, wetcleaning detergent, Procter & Gamble Distributing Co.
ORVUS EXTRA GRANULES, synthetic detergent, Procter & Gamble Distributing Co.
O SPOTTER, stain remover, H. Kohnstamm & Co., Inc.
OTTER, waterproof leather cement, Virginia Leather Co.
OUTSERTS, package insert, Allied Printing & Stationery Co., Inc.
OVACLENE, drycleaning fluid, E. I. du Pont de Nemours & Co., Inc.
OXALATE-A, sours, Standard Chemical Works Co.
OXYFUME, fumigant, Carbide & Carbon Chemical Corp., Unit of Union Carbide & Carbon Corp.
OZITE, insulation, laundry felt, American Hair & Felt Co.
OZONITE, built soap, Procter & Gamble Distributing Co.

P

P.D.Q., detergent, Nu-Pro Mfg. Co.
P.F.S., soap, Nu-Pro Mfg. Co.
P.I.U., variable speed changers, Link-Belt Co.
P.M., built soap, Thompson-Hayward Chemical Co.
PAASCHE, airbrushes, air painting equipment, Paasche Airbrush Co.
PACE, drycleaning soap, Caled Products Co., Inc.
PACIFIC, borax & sodium sesquicarbonate, Pittsburgh Plate Glass Co., Columbia Chemical Div.
PACIFIC, sour bluing, Beach Soap Co.
PACKLESS, flexible hose, couplings, Packless Metal Products Corp.
PADRIGHF STEEL WOOL PADDING, press and ironer pads, padding, Padright Co.
PAISLEY, general line adhesives, Paisley Products, Inc.
PALM, palm oil soap, Swift & Co.
PALMOIL, soap, Rome Soap Mfg. Co.
PALM ROSE, soaps, Iowa Soap Co.
PANTEX RHODES NATIONAL HATTER, hat blocking machine, Pantex Mfg. Co.
PANTS HORSE, trouser rack, H. B. Smith Co.
PAPER-STRUT, garment hanger, Star Service Hanger Div., L. A. Young Spring & Wire Corp.
PARACOIL, water heaters, Davis Engineering Corp.
PARAGENE, stripper, Eaton Chemical and Dyestuff Co.
PARAGON, lubricator, Lunkenheimer Co.
PARALATE, alkali compound, Diamond Alkali Co.
PARAMOUNT, garment, trouser bags, hanger covers, Mutual Paper Box Co., Inc.
PARAZOLE, spot remover, Eaton Chemical and Dyestuff Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

PARAZYME, digestive agent, enzyme spotting, Carman & Co., Inc.
PARIS, steam-air garment finisher, Garment Finishing Equipment Corp.
PARISIAN, sleeve former, U. S. Hoffman Machinery Corp., Valetor Dist.
PARKER, industrial boilers, Sid E. Parker Boiler Mfg. Co., Inc.
PARMELEE, wrench, Walworth Co.
PAROL, special alkali compounds, Speare Co.
PARR, typewriter keys, rubber fingertips, Speed Products Co., Inc.
PARROT, binder clips, Speed Products Co., Inc.
PAR-X, stain remover, H. Kohnstamm & Co., Inc.
PATCH MASTER, repair cloth kits, R. D. Bussard & Son
PATEXPAC, printed garment bags, shirt envelopes, Patek & Co.
PATINEX FURLIFE FUR SHAMPOO, cleaning compound, Mortemeth Chemical Laboratories
PATINEX UPHOLSTERY SHAMPOO, cleaning compound, Mortemeth Chemical Laboratories
PATRICK, steam iron, Lawrence M. Stein Co.
PATROL, watchmen's clocks, Detex Watchclock Corp.
PATTERSON-KELLEY, condensers, coolers, Patterson-Kelley Co., Inc.
PATTERSON'S, bleach, Patterson Laboratories, Inc.
PAWNEE, alkali soap builder, Wyandotte Chemicals Corp.
PAY-TEK, drycleaning soap for synthetic solvent systems, Patek & Co.
PAYTEXOL, oil, paint, and grease remover, Patek & Co.
P-B KIT, repair kit for pressing machines, Joe L. Winner Co.
PEABODY, gas, oil, coal burners, air heaters, Peabody Engineering Corp.
PEARL, flake or granulated built soap, Colgate-Palmolive-Peet Co.
PEELCOTE, protective coating for metal parts, Watson Standard Co.
PEERLESS, pumps, Peerless Pump Div., Food Machinery Corp.
PEERLESS, scales, Triner Scale & Mfg. Co.
PEERLESS BEACON, laundry marking tags, Boston Clip & Tag Co.
PEET, white laundry bar soap, Colgate-Palmolive-Peet Co.
PEE-VEE, lacquer remover, Riverside Mfg. Co.
PELATONE, fur cleaning and finishing compound, Carman & Co., Inc.
PELLERIN-MILNOR, laundry, drycleaning extractors, Pellerin Milnor Corp.
PENEGLO, starch, A. E. Staley Mfg. Co.
PENETEX, detergent, Stadham Co., Inc.
PENETRO, marking ink, National Marking Machine Co.
PENETROIL, grease solvent, H. Kohnstamm & Co., Inc.
PENETRON, glue solvent, Better Packages, Inc.
PENETRONE, starch, H. Kohnstamm & Co., Inc.
PENNANT, drycleaning soap, Davies-Young Soap Co.
PENNSYLVANIA, tires, tubes, batteries, Pennsylvania Rubber Co.
PENOZONE, bleach, Pennsylvania Salt Mfg. Co.
PENSAL, alkaline detergent, Pennsylvania Salt Mfg. Co.
PENSAL-B, alkaline detergent, Pennsylvania Salt Mfg. Co.
PENSAL-M, alkaline detergent, Pennsylvania Salt Mfg. Co.
PENSAL-O, alkaline detergent, Pennsylvania Salt Mfg. Co.
PENSO, spotting agent, A. L. Wilson Chemical Co.
PENTRATE, penetrant, American-La-France-Foamite Corp.
PEPO, prespotter, Stadham Co., Inc.
PEPSOL, drycleaning filter soap, A. F. Wolke Co.
PER, automatic drycleaning unit, Vic Cleaning Machine Co.
PERCHLORON, bleach, Pennsylvania Salt Mfg. Co.
PERCLENE, drycleaning solvent, E. I. du Pont de Nemours & Co., Inc.
PERDOX, sodium perborate monohydrate, E. I. du Pont de Nemours & Co., Inc.
PERFECT, wheat starch, Keever Starch Co.
PERFECTION, corn starch, Huron Milling Co.
PERFECTION, staple tags, Tagit Co.
PERFECTO, synthetic powder, National Cleaners Chemical Mfg. Co.
PERFEX, controls and regulators, gauges, Perfex Corp.
PERFEX, press pads, Resillo Co.
PERK, drycleaning systems using synthetic solvent, Mechanical Products Co.
PERLITE, soap builder, H. Kohnstamm & Co., Inc.
PERM-A-KLEEN, perchlorethylene solvent, Detrex Corp.
PERMA-MARKER, marking kit, Nicholson Laboratories
PERMA - NET - MARKERS, identification tags, Speare Co.
PERMA-NETS, rubber washing nets, Speare Co.
PERMANITE, acid and alkali resisting flooring, Maurice A. Knight
PERMAPROOF, flameproofing agent, B. F. Goodrich Co.
PERM-ASEPTIC, germicide, fungicide antiseptic, Perm-Aseptic Corp.
PERMATIZED, marking tags and tape, indelible marking ink, Wm. J. Nicholson Laboratories
PERMO, flameproofing, mothproofing agents, Per-Mo Products Co.
PERMOPAD, pads for handkerchief ironer, Resillo Co.
PERMUTIT, water softeners, filters, Permutit Co.
PERONE, hydrogen peroxide, E. I. du Pont de Nemours & Co., Inc.
PERSONALIZED, garment bags, Bassenfoss Bag Co., Inc.
PERSPIR-X, perspiration remover, Paper Chemicals, Inc.
PETAL SMOOTH, starch, Clinton Foods Inc.
PETRENE, drycleaning soap, Wonder Wash Corp.
PETRO, oil burners, pumps and heaters, water heaters, Petroleum Heat & Power Co.
PETROSOL, soap, H. Kohnstamm & Co., Inc.
PETRYN, oil, paint and grease remover, Patek & Co.
PHILABELT PRESERVATIVE, belt dressing, Philadelphia Belting Co.
PHILCO, storage batteries, Philco Corp.
PHOENIX SELF STICK, shirt bands, Phoenix Products Co.
PHOTOSWITCH, timers, pilot relays, controls, Photoswitch, Inc.
PHOTRONIC, photoelectric cell, Weston Electrical Instrument Corp.
PH-PLUS, brupact alkali for water softening, Mathieson Chemical Corp.
PICK, water heaters, Pick Mfg. Co.
PICRIN, volatile spotting compound, R. R. Street & Co., Inc.
PIEDMONT, leather belting, waterproof leather belting, Charlotte Leather Belting Co.
PIKES PEAK, bleaching clay, bleaching powder, colloidal clay, filter powder, General Reduction Co.
PINLUB, wetcleaning soap, Package Chemical Co., Inc.
PIONEER, nylon laundry nets, Benwall Mfg. Co., Inc.
P. I. TAGS, pressers' identification tags, Larton Products Co., Inc.
PITTCHLOR, sodium hypochlorite, Pittsburgh Plate Glass Co., Columbia Chemical Div.
PITTSBURGH, paints, Pittsburgh Plate Glass Co., Paint Div.
PLANER BRAND, leather belting, Philadelphia Belting Co.
PLASTIC QUIK-PACH, plastic firebrick, A. P. Green Firebrick Co.
PLASTI-STATIC, air filters, Master Products Co.
PLASTYLON, nylon laundry nets, Carson Textile Co., Inc.
PLEASANT ODOR, fur cleaning fluid, Bernard Sirotta Co.
PLEX, digester, Patek & Co.
PLIBRICO, jointless firebrick, furnace wall, boiler setting, furnace inspection doors, Plibrico Jointless Firebrick Co.
PLICAST, castable refractory material, Plibrico Jointless Firebrick Co.
PLISULATE, insulating material, Plibrico Jointless Firebrick Co.
P. M. SOAP, built soap, Thompson-Hayward Chemical Co.
PNEU-MAT, woven rubber mat, A. N. Brabrook
POCKETEERS, pocket forms, Leef Bros., Inc.
POLAR, moth preventative, Barrett Div., Allied Chemical & Dye Corp.
POLAR BEAR, fur cleaner, Walter Haertel Co.
POLARIS, fur glazing cleaner, Walter Haertel Co.
POLARSUDZ, cold water built soap, Beach Soap Co.
POLARTONE, laundry sour, G. S. Robins & Co.
POMONA, turbine pumps, Fairbanks Morse & Co.
PONCHO, wet water repellent, Patek & Co.
PONY, presses, Prosperity Co., Inc.
PORTO-FAB, prefabricated buildings, Porto-Fab Co., Inc.
POSTAGE-METER, postage meter tape, Gummed Tape & Devices Co.
POW, drycleaning soap, Keystone Aniline & Chemical Co., Inc.
POWDERED AMBER, neutral tallow soap, Procter & Gamble Distributing Co.
POWDERED HAWKEYE SOAP, soaps, Iowa Soap Co.
POWDERED IVORY, neutral soap, Procter & Gamble Distributing Co.
POWDERENE, bleaching powder, West Side Bag & Paper Co., Inc.
POWER CIRCLE, presses, Prosperity Co., Inc.
POWER-FLEX, underfeed stokers, Link-Belt Co.
POWER-FLOW, roof ventilator, DeBothezat Fans Div., American Machine and Metals, Inc.
POWERMASTER, automatic steam generator, Orr & Sembower, Inc.
POWERMASTER, stacker, Lewis-Shepard Products, Inc.
POW PLUS, dry powdered soap, Keystone Aniline & Chemical Co., Inc.
POWR PLUS, air operated laundry presses, Pantex Mfg. Corp.
PRATT & CADY, brass and iron valves, Reading-Pratt & Cady Div., American Chain & Cable Co., Inc.
PREE-HEET, return system, Fred H. Schaub Engineering Co., Inc.
PREE-SPOTTER, concentrated prespotter, Bayochem Products Co.
PREFERRED, generators, Preferred Utilities Mfg. Corp.
PRE-MARKED STRIP TAG, solvent and waterproof marking tags, Pre-Marked Strip Tag Co.
PRESET, a type of free-vane air-operated controller, Bristol Co.
PRES-GRIP, shaping and finishing wetcleaned and dyed garments, Pres-Grip Corp.
PRESPOTTER S, prespotter, Nu-Pro Mfg. Co.
PRESPOTTER 23, prespotter, Patek & Co.
PRESS KING, laundry press pads, Fullo Corp.
PRESSRITE, press padding, Foro-Pres Co.
PRESSTITE, flexible metal connector for modern laundry and pressing machines, American Brass Co., American Metal Hose Branch
PRESTO, self-sealing paper bands, Sure-Hold Div., Nashua Gummed & Coated Paper Co.
PRESTO CLEANER, press head cleaner, Stadham Co., Inc.
PRIDE, washing powder, Swift & Co.
PRIMA BRAND, leather belting, Philadelphia Belting Co.
PRIME-KOTE, roof coating, Philip Carey Mfg. Co.
PRIME SOAP, soap, Beach Soap Co.
PRINCESS, wire hangers, Vail Mfg. Co.
PRINTED STRING, cotton tape, Milwaukee Printed String Co.
PRINTWEIGH, weight printing scales, Toledo Scales Co.
PROCTOR, drier for washed rugs, Proctor & Schwartz, Inc.
PRODUCTIMETERS, counting and measuring machines, Durant Mfg. Co.
PRODUCTO, timer, American Laundry Machinery Co.
PROLYTE, enzymic digestive agent, Allen and Vickers, Inc.
PROPASOL, solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
PROSPERITY, complete line of laundry and drycleaning equipment, Prosperity Co., Inc.
PROSPERITY APRONS, clipper and alligator F.W.I. aprons, Carman & Co., Inc.
PROSPERITY BLUE, concentrated laundry blue, Carman & Co., Inc.
PROSPERTROL, automatic washer controls, Prosperity Co., Inc.
PROTECTO, identification system, American Laundry Machinery Co.
PRO-TEK, protective hand cream, E. I. du Pont de Nemours & Co., Inc.
PROTEX TOILET SOAP, soaps, Iowa Soap Co.
PRYM'S, button cover, garment hangers, safety pins, Wm. Prym, Inc.
PRYM'S ARISTOCRAT, safety pins, Wm. Prym, Inc.
PULLCLEAN, continuous towel cabinets, Pullclean Towel Cabinet Co., Inc.
PULVOAN, powdered wax, Lewis National Corp.
PURATIZE, mildewproofing, Aqua Sec Corp.
PURE-TEX, laundry bactericide, Cidex Corp.
PURGE-O-SOL, drycleaning soap, G. & G. Chemical Co.
PURGO, soap builder, Minnesota Chemical Co.
PURITY, soap flakes, soap, Iowa Soap Co.
PURITY, sour, Thompson-Hayward Chemical Co.
PURKETT, shakeout and conditioning tumblers, assembly reels, bins, Purkett Mfg. Co.
PURO, spotting compound, Adco, Inc.
PUR-O-SAN, drycleaning soap, Huntington Laboratories
PURPLE EDGE, padding, Egan Cotton Mills
PYRAMID, liquid color stripper, Washine National Sands, Inc.
PYRATEX, lipstick, nail polish, paint remover, R. R. Street & Co., Inc.
PYRENE, fire extinguishers, Pyrene Mfg. Co.
PYRO, pyrometers, Pyrometer Instrument Co., Inc.
PYROFLEX, acid and alkali resisting paints, Maurice A. Knight
PYROPROF, flameproofing compound, Atlantic Stainproof Co.
PYRO SOAP, liquid soap, National Cleaners Chemical Mfg. Co.
PYROTRON, pyrometers, Bailey Meter Co.

Q

Q-T, heat recirculators, Kisco Boiler & Eng. Co.
Q-CHROMASTIC, veneer coating for furnace walls, Quigley Co., Inc.
Q-CHROME, refractory material, Quigley Co., Inc.
Q-1, airform coat finisher, Valetor Distributors, Div. of U. S. Hoffman Machinery Corp.
Q-7, drier and semi-finisher, Valetor Distributors, Div. of U. S. Hoffman Machinery Corp.
Q-2, airform ladies' jacket finisher, Valetor Distributors, Div. of U. S. Hoffman Machinery Corp.
QUADRAFOS, water conditioner, detergent, dispersing agent, Rumford Div., Heyden Chemical Corp.
QUAKER BLUE, laundry blue, Pennsylvania Salt Mfg. Co.
QUAKER IMPROVED, chlorinated lime, bleach, Pennsylvania Salt Mfg. Co.
QUALITEX, press covers, puff iron covers, sponge pads, Quality Products Co.
QUEEN, wire hangers, Vail Mfg. Co.
QUICK AID FIRE GUARDS, fire extinguishers, General Detroit Corp.
QUICKLIFT, trucks, Lewis-Shepard Products, Inc.
QUIGLEY, fire brick, Quigley Co., Inc.
QUIK-LOK, collar protector, Steinman Paper Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

QUIK-PACH, fire brick, A. P. Green Fire Brick Co.
QUIK-TEMP, heating system, Fred H. Schaub Engineering Co., Inc.

R

R.C.C., rug cleaning and finishing compound, soaps, Lewis National Corp.
R-K, valves and regulators, Ruggles-Klingemann Mfg. Co.
R-M, asbestos products, packing, friction materials and rubber products, Raybestos-Manhattan, Inc.
RP, high pressure boiler, Titusville Iron Works Co., Div. Struthers Wells Corp.
RSB, digestive spotting agent, Wallerstein Co., Inc.
R-X, spotter, Caled Products Co., Inc.
RACK-EASE, garment rack lubricator, Grauer Research Mfg. Co.
RADIANT, continuous tumbler, Radiant Drying Co.
RAINBOW, plastic garment hangers, Henry Hanger Co. of America.
RAINBOW, spotting pencils, Eaton Chemical and Dyestuff Co.
RAINCOAT DETERGENT, raincoat detergent, H. Kohnstamm & Co., Inc.
RAK-GUIDE, rack index for separating garments alphabetically, Para-Lux Products Co.
RAM, drycleaning soap, Adco, Inc.
RAMPELLENT, water repellent, Perm-Aseptic Corp.
RAMSEY, chain drive, chain drive sprockets, shaft couplings, Ramsey Chain Co., Inc.
RAMTITE, plastic refractory, Ramtite Co.
RANAREX, combustion recorder, Permutit Co.
RANDE, metal press pads, Bergen Machine & Tool Co., Inc., Rande Unit Springs Div.
RAPID POWER BOOSTER, portable power belt conveyor, Rapids-Standard Co., Inc.
RAPID ROLLER, conveyor, Rapids-Standard Co., Inc.
RAPID-WHEEL, conveyor, Rapids-Standard Co., Inc.
RAY, oil and gas burners, pumps, Ray Oil Burner Co.
RAYBESTOS, brake lining, clutch facing, brake blocks, Raybestos-Manhattan, Inc.
RAY-METL, clutch facings, Raybestos-Manhattan, Inc.
RAYOSOAP, moisture-bearing drycleaning soap, Rayochem Products Co.
RAYS KRAFT, packaging supplies, Spear Box Co., Inc.
RAYS TAPE, tape, Spear Box Co., Inc.
R.C.U. SHAMPOO, rug and upholstery soap, Keystone Aniline & Chemical Co., Inc.
READY-PACK, cast split repair sleeves, Dresser Mfg. Div., Dresser Industries, Inc.
RE-CIRK-IT, circuit breakers, Heinemann Electric Co.
RECLAMITE, blood and albumin stain remover, H. Kohnstamm & Co., Inc.
RECORD-A-CALL, telephone forms and registers Econo-Pak Register Co.
RECORDAK, accounting machines and systems, record systems, Recordak Corp.
RED ARROW, feed ribbon, Southern Mills, Inc.
RED BANK, nylon laundry nets, X. S. Smith, Inc.
RED EDGE, pads and padding for flatwork ironers and press machines, Knitted Padding Co.
RED FLASH, water heaters, Pick Mfg. Co.
RED & GREEN LINE, laundry fabrics, Hettrick Mfg. Co.
RED HEAD, pressing machine, Forse Corp.
REDILIFT, trucks, Lewis-Shepard Products, Inc.
RED LABEL, tallow soap, Beach Soap Co.
RED LINE, cotton goods, Pittsburgh Waterproof Co.
RED LINE, greases, oils, lubricants, Union Oil Co. of California
REDOTEX, neutral red oil flakes and powder, M. Werk Co.
RED STAR, feed ribbons, L. H. Gilmer Co., Div. U. S. Rubber Co.
REDUCO, liquid color stripper, Washine National Sands, Inc.
REDUCTORS, speed reducers, Boston Gear Works, Inc.
REDUX, indelible ink remover, Boston Clip & Tag Co.
REESCO, powdered laundry soap, Minnesota Chemical Co., Inc.
REEVES ARMY TWILL, uniform cloth, Reeves Bros., Inc.
REFINITE, zeolite water softeners, Refinite Corp.
REFLEXIT, replasticizer, Patek & Co.
REGAL, engines, Ames Iron Works
REGAL, laundry indelible ink, I. Geller & Son
REGAL, synthetic detergent, Armour & Co.
REKAB, powdered soap, soap chips, Minnesota Chemical Co.
RELIABLE, for cleaning and fur storage equipment, Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc.
RELIANCE, a.c. and d.c. motors, motor generators, Reliance Electric & Engineering Co.
RELIEF, spotter, Murphy Sales Co.
RE-LOGIK, powdered soap, Minnesota Chemical Co.
REMA, vacuum systems for presses, Rema Corp.
REMO, cover cloth fasteners, rack clips, net and marking pins, trays, safety and steel pins, overall tags, Risdon Mfg. Co.
RENARDS', leather cleaning and dyeing, Renards' Suede & Leather Cleaners & Dyers
RENEWO, angle and globe valve, Lunkenheimer Co.
RENEX, detergents, Industrial Chemical Div., Atlas Powder Co.
RENUIT, liquid starch, Washine National Sands, Inc.
REO, motor trucks, Reo Motors, Inc.
REP, water repellent, R. R. Street & Co., Inc.
REPEL-O-MOTH TANK, mothproofing equipment, Repel-O-Products Div., North American Merchandising Co.
REPUBLIC, controls, instruments, Republic Flow Meters Co.
RE-PURGO, powdered soap, Minnesota Chemical Co.
RESEARCH, zeolite, Research Products Corp.
RESILLO, press pads, Resillo Co.
RESISTI-CAL, water repellent, Caled Products Co., Inc.
RESISTO, water repellent, Resisto Laboratories
RESIZET, sizing, Takamine Laboratory, Inc.
RESSYN, zeolite, Hungerford & Terry, Inc.
RESTORTEX, liquid sizing, National Cleaners Chemical Mfg. Co.
RESYN ADHESIVES, glues, gums, sizings, starches, National Starch Products, Inc.
RETRON, flatwork ironer, American Laundry Machinery Co.
REVITALIZING PERSIAN GLOSS, for glazing fluid, Bernard Sirotta Co.
REVITEX, durable wetcleaning revitalizing agent, Laurence C. Smith Co.
REVOLITE, laundry roll covers, padding, press covers, Revolite Sales, Atlas Powder Co.
REX, soluble liquid drycleaning soap, Davies-Young Soap Co.
REX, sour, Kem Laboratories
REX-FLEX, metal hose, Chicago Metal Hose Corp.
REX-TITE, heat-proof reattachable couplings, Chicago Metal Hose Corp.
REX-TUBE, flexible metal hose, Chicago Metal Hose Corp.
REX-WELD, flexible metal hose, tubing, Chicago Metal Hose Corp.
REZEX, resinous zeolite, Elgin Softener Corp.
RIBBON DELUXE, cotton ribbon, Milwaukee Printed String Co.
RIBBON-RITE, marking machine, Textile Marking Machine Co., Inc.
RICE'S, paint products, U. S. Gutta Percha Paint Co.
RICHMOND, leather belting, Virginia Leather Co.
RIMACO, size, stripper, wetcleaning soap, Riverside Mfg. Co.
RIMACO GENERAL FORMULA, ink and stain remover, Riverside Mfg. Co.
ROADOL, paint, oil and grease remover, Package Chemical Co., Inc.
ROADOL L, wet spotter, Package Chemical Co., Inc.
ROBERTS, numbering machine, Roberts Numbering Machine Co.
ROBINITE, soap powder, G. S. Robins & Co.
ROBINOL, wetting agents, G. S. Robins & Co.
ROBOT, washing machines, Robot Laundry Machinery Corp. of Cal.
ROCKET, laundry presses, Troy Laundry Machinery Div., American Machine and Metals, Inc.
ROCKWEAVE, laundry textiles, aprons, cover and filter cloth, double face flannel, laundry nets Callaway Mills, Inc.
ROCKWELL, valves, steam traps, W. S. Rockwell Co.
RODALON, non-staining disinfectant, Fairfield Laboratories
RODI-REEL, sorting reels, Rodin Machinery Co.
RO-FLO, air compressors, vacuum pumps, Allis-Chalmers Mfg. Co.
ROLA-RUG, rug rolling and packaging machines, Lincoln Products, Inc.
ROLL-O, trouser guards, Paulin Products Co.
RONAFLEX, elastic synthetic tubing with woven metal wire cover, Ronaflex Tubing Co., Inc.
RON-LIN, manually operated drycleaning presses, Ron-Lin, Inc.
RO-NOR, stain remover, H. Kohnstamm & Co., Inc.
ROOFKOTER, roof material, Tropical Paint & Oil Co.
ROOT BAGGER, garment bagger, Huebsch Mfg. Co.
ROOTS-CONNERSVILLE, blowers, pumps, compressors, Roots-Connersville Blower Corp.
ROTARY, soot blower, Marion Machine Foundry & Supply Co.
ROTEX, extractor, American Laundry Machinery Co.
ROTH, boiler feed units, pumps, Roy E. Roth Co.
ROTO BRUSH, electric upholstery shampoo machine, Certified Equipment Co.
ROTO-KLEEN, filter, Bowser, Inc.
ROUND THE BUTTON, shirt ironing press pads, Resillo Co.
ROYAL, brass safety pins, Risdon Mfg. Co.
ROYAL, medium titer, coco-tallow chip, neutral soap, Armour & Co.
ROYAL CALENDER, cylinder type flatwork ironer, American Laundry Machinery Co.
ROYAL OAK, leather belting, Webb Belting Co.
ROYAL PINE, soaps, Iowa Soap Co.
ROYAL WORCESTER, belt cement, Graton & Knight Co.
RP NO. 757, stain remover, H. Kohnstamm & Co., Inc.
RUBBER CITY, roofing materials, Rubber City Mfg. Co.
RUBEROID, built-up roofing materials, Ruberoid Co.
RUGGLO, rug cleaning soap, Merson Products Co.
RUG-O, rug and carpet soap, Davies-Young Soap Co.
RUG SHAMPOO, rug soap, Caled Products Co., Inc.
RUSCO, rubber belting, woven belting, press tape, Russell Mfg. Co.
RUST BAR, paint, rust preventative, Midland Paint & Varnish Co.
RUST-E-LIM, rust remover, Johnson Chemical Industries, Inc.
RUSTEX, sour, Crescent Chemical Div., Hood Chemical Co., Inc.
RUSTEZE, rust solvent, Crescent Chemical Div., Hood Chemical Co., Inc.
RUSTGO, rust remover, A. L. Wilson Chemical Co.
RUSTICK, rust remover, National Cleaners Chemical Mfg. Co.
RUSTICON LN, rust preventative, Philadelphia Quartz Co.
RUSTICON SS, rust preventative, Philadelphia Quartz Co.
RUST RAIDER, boiler and heating system cleaner, Radiator Specialty Co.
RUSTYRASE, rust remover, Hachik Bleach Co.

S

S.E.B., wetcleaning soap, E. F. Drew & Co., Inc.
S.M.A., high alumina firebrick, McLeod & Henry Co., Inc.
SOH, low pressure boiler, Titusville Iron Works Co., Div. Struther Wells Corp.
SP, high pressure boiler, Titusville Iron Works Co., Div. Struther Wells Corp.
SABIN, glove cleaning machines, Sabin Machine Co.
SACO, speed reducers, Stephens-Adamson Mfg. Co.
SACON, belt conveyor carriers, Stephens-Adamson Mfg. Co.
SAFE-FLEX, rubber-bladed fans, Samson United Corp.
SAFE-GUARD, automatic by-pass valve, Burd Mfg. Co.
SAFEGUARD, safety cans, General Detroit Corp.
SAFE KUTTERS, cord knife, Time Savers, Inc.
SAFE-TIE ANCHORS, refractory anchors, Ramtite Co.
SAFE-T-SOL, dry oil, paint, and grease remover, Patek & Co.
SAFETY, diapers, Sani Top Co.
SAFETY LINEN SOUR, sour, Diamond Alkali Co.
SAFETY-NOTCH, notched prong marking tag, Safety-Notch Tag Co., Inc.
SAF-T-AIR, ventilator, United Electric Motor Co.
SAFTEE, vacuum, pressure filters, Hammond Laundry-Cleaning Machinery Co.
SAF-T-MARK, marking tags, Stry-Lenkoff, Inc.
SAGER SPREADERS, flatwork spreaders, M. A. Pocock
SAIRSET, air-setting bonding mortar, A. P. Green Fire Brick Co.
SALVE-O-LIN, skin salve, Keystone Aniline & Chemical Co., Inc.
SAMOSET, soap, Lewis National Corp.
SAMSON, electric irons, Samson United Corp.
SAMSONMITE, filter bags, feather bags, extractor covers, soap whips, starch whips, tumbler pads, Manitowoc Cotton Goods Mfg. Co.
SANA-FILTER, low pressure, filter-type soap, Huntington Laboratories, Inc.
SANA-SIZE, sizing, Huntington Laboratories
SANI-SOLVE, drycleaning soap, State Chemical Co.
SANITEX, baskets, trucks, bags, C. R. Daniels, Inc.
SANITEX, mothproof storage bags, Clopay Corp.
SANITONE, drycleaning process, Emery Industries, Inc.
SANITONE MC, mothproofer, Emery Industries, Inc.
SANITONE WR, water repellent, Emery Industries, Inc.
SANI TOP, diaper cans, diaper pails, deodorants, Sani Top Co.
SANI-TYPE, heat reclaimer, Patterson-Kelley Co., Inc.
SAPPHIRE, stripper and stain remover, Lewis National Corp.
SARCO, steam traps, temperature regulators, Sarco Co., Inc.
SATINETTE, combination starch, Keever Starch Co.
SAVO, 92% powder soap, John T. Stanley Co., Inc.
SAVONOL, wet spotter, Patek & Co.
SAXMAYER, bundle tyers, National Bundle Tyer Co.
SAYF, mothproofing compound, Sayf Mothproofing Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

SCHAUB, boiler feed and condensation return systems, Fred H. Schaub Engineering Co., Inc.
SCHRAMM, air compressors, Schramm, Inc.
SCOTSMAN, washers, Ayr-Mor Machinery Co.
SCOTTDALE, stoking gate, Marion Machine Foundry and Supply Co.
SCOTTIE, JR., high-pressure riveted boilers, Kewanee Boiler Corp.
SCRAM BLOOD, spotting agent, Warco Laboratories
SEABLUE, blue, Lewis National Corp.
SEA FOAM, soap powder, Colgate-Palmolive-Peet Co.
SEALED POWER, totally enclosed fan-cooled motors, Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp.
SEAL MASTER, ball bearings, Stephens-Adamson Mfg. Co.
SEAL SILICATE, silicate adhesive, Philadelphia Quartz Co.
SEAMLEX, seamless flexible metal hose and tubing, Seamlex Company, Inc.
SEB, coconut pill soap, E. F. Drew & Co., Inc.
S.E.B. CONCENTRATED, silk and wool soap, E. F. Drew & Co., Inc.
SEC, synthetic drycleaning unit, Sec-O-Matic Corp.
SECCO, dry water repellent, Patek & Co.
SEC-O-MATIC, washer, Sec-O-Matic Corp.
SEE-SAFE, plastic storage and blanket bags, Mehl Mfg. Co.
SELECTRIC, water heaters, Crane Co.
SELF-SEAL, adhesive shirt bands, National Paper Band Co.
SELF-STICK, shirt bands, Phoenix Products Co.
SELLERS, steam boilers, open return systems, Sellers Engineering Co.
SELLOGENS, wetting agents, Jacques Wolf & Co.
SEMDAC FLOR-GLAZE, floor wax, Standard Oil Co.
SEMI-STOD, cleaners' light naphtha, Anderson-Prichard Oil Corp.
SENECA, soap, Lewis National Corp.
SENSITROL, relay, Weston Electrical Instrument Corp.
SENTINEL, oil cup, Lunkenheimer Co.
SEPTO SOUR, sour, Diamond Alkali Co.
SEQUESTRENE, lime soap solvent, Alrose Chemical Co.
SERVIS RECORDER, time and truck recorders, Service Recorder Co.
SESQUILATE, laundry detergent, Diamond Alkali Co.
1707, blue, H. Kohnstamm & Co., Inc.
SHAMROCK, canvas baskets, hampers, trucks, Meese, Inc.
SHAW, collar edger, Reed Mfg. Co.
SHEEN BUILDER, combined sizing and sour, State Chemical Co.
SHELBY, tubing, National Tube Co.
SHELL, naphtha, stain remover, Shell Oil Co., Inc.
SHELL-LESS, washers, U. S. Hoffman Machinery Corp.
SHELL-SOL, naphtha, petroleum solvent, Shell Oil Co., Inc.
SHELL TOX, insecticide, Shell Oil Co., Inc.
SHIELDS, drycleaning unit, Shields Engineering & Mfg. Co.
SHIPSAFE, bags, Lanning Bag & Specialty Co.
SHIRT BIN, for conveying shirts, J. W. Steele & Co.
SHIRT CHUTE, metal chute for shirt handling, Rosenthal Mfg. Co.
SHIRT PAX, shirt bag, Time Savers, Inc.
SHIRT TRUX, steel shirt bins, Time Savers, Inc.
SHOWERFEED, floor, rug and carpet scrubbing machines, Hild Floor Machine Co.
SHOWER-PRUF, water repellent, Adco, Inc.
SHREDDED, 88% flake soap, John T. Stanley Co., Inc.
SIBUR, mothproofing agent, S-Bur Mothproofing Co.
SIEBRING, electromatic steam boiler, Siebring Mfg. Co.
SIGNAL, flameproof, insecticide, Signal Chemical Mfg. Co.
SILENT CHIEF, electric floor machine, Continental Car-Na-Var Corp.
SIL-EX, black metal washer, Cross Machinery Co., Inc.
SILKANWOOL, silk and woolen soap, North Coast Chemical & Soap Works
SILKCLEEN, spotting agent, Silkcleen Mfg. Co.
SILVER-CREST, washers, U. S. Hoffman Machinery Corp.
SILVER-KOTE, lacquer, Pittsburgh Waterproof Co.
SILVER LEAF, nets, Southern Mills, Inc.
SILVERLINK, roller chains, sprockets, Link-Belt Co.
SILVERSEAL, rubber specialty tapes, Gummed Tape & Devices Co.
SILVERSTREAK, silent chain drives, Link-Belt Co.
SILVERTEEN, wire hangers, Academy Hanger Co., Inc.
SILVERTINE, straight and safety pins, Vail Mfg. Co.
SILVERTOP, steam trap, V. D. Anderson Co.
SIMMONS, cuff and tag tacking machines, Simmons Machine Co.
SIMMONS ELECTRO-MEND, mending and patching machines, Simmons Machine Co.
SIMPLEX, break powder, H. Kohnstamm & Co., Inc.
SIMPLEX, oil burners, Simplex Oil Heating Corp.
SINGER, sewing machines, accessories, Singer Sewing Machine Co.
SIBCO, tropical nut shells for fur cleaning, Bernard Sirotta Co.
SIBCO FUME, liquid fumigating gas, Bernard Sirotta Co.
6-A, automatic synthetic drycleaning unit, Prosperity Co., Inc.
6-T, benzine soap, Midland Color & Chemical Co.
630, drycleaning soaps, Caled Products Co., Inc.
60 SECOND, solvent, Superior Products Co.
SIZE-ALL, liquid sizing, Keystone Aniline & Chemical Co., Inc.
SIZEOFF, enzymic desizing agent, Takamine Laboratory, Inc.
SIZ-IN, hat sizing, Greenville Chemical Co.
SKORTEX, wetcleaning compound, Wyandotte Chemicals Corp.
SKYROCKET, extractors, Hammond Laundry-Cleaning Machinery Co.
SLACKS SAKS, trouser bags, Phoenix Products Co.
SLICKER, brushes, American Pressboard Co., Inc.
SLIK, cleaner and lubricator for pressing heads and irons, Mark-O Corp.
SLIP EASY BRAND, motor oil, boiler and roofing materials, Riverside Chemical Co., Inc.
SLIP-IN, collar protectors, Phoenix Products Co.
SLIP-NOT, special tanned leather belting, Milwaukee Leather Belting Co.
SLIP-ON, hanger shields, Academy Paper Box Co.
SLIP-ON, hanger shields, Larton Products Co., Inc.
SLYDE-OUT, washer, Troy Laundry Machinery Div., American Machine and Metals, Inc.
SMASH, break powder, Minnesota Chemical Co.
SMITH-DRUM, laundry machinery, Smith-Drum Co.
SMITH'S, collar, cuff and neckband replacements, Gilman B. Smith Co., Inc.
SMOOTH-TEX, press cloth, feed ribbons, Pittsburgh Waterproof Co.
SNAP-TITE, cover cloth clamp, J. W. Steele & Co.
SNOWFLAKE CRYSTALS, sodium sesquicarbonate, Solvay Sales Div., Allied Chemical & Dye Corp.
SOFTEY, diapers, Sani Top Co.
SOILSORB, rug and overall detergent, Cowles Chemical Co.
SO-KLEEN PENETRANT, drycleaning detergent, Merson Products Co.
SO KLEEN SY, synthetic drycleaning soap, Merson Products Co.
SOLAD, drycleaning soap, E. F. Drew & Co., Inc.
SOLARINSE, optical whitener, Carlton Chemical Co., Inc.
SOLARSUDS, detergent, Carlton Chemical Co., Inc.
SOLBLUE, blue, Lewis National Corp.
SOL BREAK, break powder, Lewis National Corp.
SOLBREAK, break powder, Speare Co.
SOLBUMEN, spotting agent, Eaton Chemical and Dyestuff Co.
SOL-CLAR, filter powder, ink remover, Murphy Sales Co.
SOLGON, paint remover, Lewis National Corp.
SOLID CURB, laundry, drycleaning extractors, American Laundry Machinery Co.
SOLIVE, soaps, Lewis National Corp.
SOLIT-AYR, washers, tumblers, extractors, Ayr-Mor Machinery Co.
SOLOZONE, sodium peroxide, E. I. du Pont de Nemours & Co., Inc.
SOL-SIL-ATE, alkali (soap builder), Lewis National Corp.
SOL-SIL-ATE, special alkali compounds, Speare Co.
SOL SOUR, sour, Lewis National Corp.
SOL SUDS, soap, Lewis National Corp.
SOLTEX, drycleaning detergent, Riverside Mfg. Co.
SOLUBLE FINE OILS 189, penetrant, Jacques Wolf & Co.
SOLUBON, textile dyeing assistants, American Aniline Products, Inc.
SOL-U-NESE, dry and wet spotter, Huntington Laboratories
SOLVATONE, solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
SOLVEX, spotting agent, Spix Products Co.
SOLVINK, ink, paint, rust, blood stain remover, Greenville Chemical Co.
SOLVINOL, spotting soap, Keystone Aniline & Chemical Co., Inc.
SOL-VO-RUST, sour, Thompson-Hayward Chemical Co.
SOLVSPOT, synthetic detergent, Delray Industries, Inc.
SOLZYME, digestive agent, Lewis National Corp.
SONOMOR, safety and straight pins, wire garment hangers, Wm. Prym, Inc.
SOUBELO, laundry sour, Wyandotte Chemicals Corp.
SOURTEC, sour, Wyandotte Chemicals Corp.
SPACEMASTER, stacker, Lewis-Shepard Products, Inc.
SPARCO PASTE SOAP, coconut oil soap, Chemical Sales Div., West Side Bag & Paper Co., Inc.
SPARKETTE, detergent, Pennsylvania Salt Mfg. Co.
SPARKLES, liquid coconut oil soap, Chemical Sales Div., West Side Bag & Paper Co., Inc.
SPARKOLOR, detergent emulsifier, Cidex Corp.
SPARTAN, flat and block leather V belt, leather packings, Graton & Knight Co.
SPARTAN, nets, Egan Cotton Mills
SP-D SERVICE, day books, Hub Printing Services
SPECIAL FINISH, starch, A. E. Staley Mfg. Co.
SPECIAL SUPER RAMTITE 25, plastic refractory, Ramtite Co.
SPECIALTY, garment bagger, Specialty Devices Co.
SPECIFICATION, built-up roof, Barrett Div., Allied Chemical & Dye Corp.
SPEED, brass fasteners, erasing shields, Speed Products Co., Inc.
SPEED, marking and printed tags, Market Industries, Inc.
SPEED-BAGGER, bagging device, Para-Lux Products Co.
SPEE-DEE, drying cabinets, Hammond Laundry-Cleaning Machinery Co.
SPEE-DEE, paint and grease remover, Adco, Inc.
SPEEDEX, extractor, Zephyr Laundry Machinery Co.
SPEEDSETS, sales and record forms, Moore Business Forms, Inc.
SPEEDLIFT, trucks, Lewis-Shepard Products, Inc.
SPEEDMASTER, drycleaning and laundry extractors, Southeastern Foundries, Inc.
SPEEDMASTER, stackers and portable elevators, Lewis-Shepard Products, Inc.
SPEEDMATIC, compression tacker, Speed Products Co., Inc.
SPEEDPLUS, filter powder, Dicalite Div., Great Lakes Carbon Corp.
SPEED SET, variable numbering machines, American Numbering Machine Co.
SPEEDS-IT, prespotter, G. & G. Chemical Co.
SPEEDSTER, extractor, tumbler, washers, Prosperity Co., Inc.
SPEEDUX DIPMASTER, water-repellent dip tanks, Devere Co.
SPEEDWAY, drycleaning, laundry and rug washers, A. A. Laundry Machinery Co.
SPEEDWAY, pressboard covers, folders, Speed Products Co., Inc.
SPEEDWAY, washer, tumblers, Industrial Laundry Machinery Co., Inc.
SPHINX, starch, Arabol Mfg. Co.
SPIRO, injection type water heaters, David Stout & Sons
SPIX, prespotter, drycleaning and suede soap, hand cream, Spix Products Co.
SPONGE PADS, sponge press pads, Arrow Mfg. Co.
SPOTLESS, paste drycleaning soap, National Cleaners Chemical Co.
SPOTMASTER, spotting units, Hopkins Equipment Co.
SPOTOUT, spot remover, Delray Industries, Inc.
SPOTRIGHT, spotting agent, Allen and Vickers, Inc.
SPOT-X, prespotter, Huntington Laboratories
SPRAY DREST, leather finishes, Caled Products Co., Inc.
SPRAY MIX, refractory coating, Mexico Refractories Co.
SPURT, blood remover, Patek & Co.
SQUAREWAY, curtain and blanket stretchers, Hopkins Equipment Co.
SS COMPOUND, washing compounds, Lewis National Corp.
STA-AHEAD, hat stickers, Gummed Tape & Devices Co.
STABILON, textile dyeing assistants, American Aniline Products, Inc.
STACKRITE, flatwork stacker, American Laundry Machinery Co.
STADLUBE, starch lubricant, Stadham Co., Inc.
STAD-SPUN, spun treated nylon cloth, Stadham Co., Inc.
STAD-TEX, treated nylon cloth, Stadham Co., Inc.
STADWAX, inner oil, powdered wax, Stadham Co., Inc.
STAG BRAND, press covers, aprons, bags, feed ribbons, Pittsburgh Waterproof Co.
STAIN-A-WAY, oxidized stain remover, Warco Laboratories
STAINEX, laundry sour, Standard Chemical Works Co.
STAINPRUF, aqueous type water repellent, Atlantic Stamproof Co.
STAINPRUF-DC, solvent type water repellent, Atlantic Stamproof Co.
STAINPRUF-FG, for glazing compound, Atlantic Stamproof Co., Inc.
STAIZ, collar supports, Time Savers, Inc.
STAMPAGRAPH, indelible hot iron transfers, Stampagraph Co., Inc.
STANCO, blues, sours, Standard Chemical Works Co.
STANDARD, extractor, Fletcher Works, Inc.
STANDARD, laundry, drycleaning machinery, Standard Laundry & Cleaning Machinery Co.
STANDARD, pin carrier, Keyes-Davis Co.
STANDARD, press pads, Resilio Co.
STANDARD, record system, Standard Register Co.
STANDARD, valves, W. M. Chace Co.
STANDARD FLAKE SOAP, NO. 1, soap, Standard Soap Co. of Camden
STANDARD KING, net pins, Keyes-Davis Co.
STANDATROL, air relay, Bailey Meter Co.
STANDCO, tachometers, speed indicators, Herman H. Sticht Co., Inc.
STAND-EZE, floor mat, Colonial Rubber Co.
STANORUST, rust preventative, Standard Oil Co.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

STANOX, hot water built soap, John T. Stanley Co., Inc.
STANSO, cleaning chemicals, detergents, Standard Soap Co. of Camden
STANSO TEX OIL, sulphonated oils, turkey red oil, Standard Soap Co. of Camden
STANTEX, press and cover cloth, John T. Stanley Co., Inc.
STAPEX, starch, A. E. Staley Mfg. Co.
STAPL-TITE, marking tags, Liberty Marking Tag Co., Inc.
STA-PUT, lubricating oils, greases, E. F. Houghton & Co.
STAR, globe, angle, check valves, Kunkle Valve Co.
STARCHTEX, starch lubricant, Lewis National Corp.
STA-RITE, collar supports, shoulder shields, trouser guards, tie holders, Hodge, Farwell & Co.
STARR-BRITE, wetcleaning soap, Starr Soap & Chemical Co.
STARR-201, drycleaning soap, Starr Soap & Chemical Co.
STAR SERVICE, wire hangers, Star Service Hanger Div., L. A. Young Spring & Wire Corp.
STARTEX, break compound, H. Kohnstamm & Co., Inc.
STATICOL, drycleaning soap, R. R. Street & Co., Inc.
STEAM-AIRE, garment finishers, Pantex Mfg. Corp.
STEAMAIRE, unit heater, Young Radiator Co.
STEAMASTER, boilers, return systems, Steamaster Automatic Boiler Co.
STAM-FLEX, press connectors, Chicago Metal Hose Corp.
STEAM FLOW, rubber press pad, Newhouse Co.
STEAM-PAK, packaged steam generators, York-Shipley, Inc.
STEAMTITE, flexible metal connector for laundry and pressing machines, American Brass Co., American Metal Hose Branch
STEEL-BILT, extractors, washers, B & G Machinery Co., Inc.
STEELCOTE, paint, varnishes, waterproofing, Steelcote Mfg. Co.
STEELE BIN, shirt carrier, J. W. Steele & Co.
STEELE GLIDER IRON, electric iron, J. W. Steele & Co.
STEELLOX, self-locking shirt band, J. W. Steele & Co.
STEEL-FORGED, casters, Rapids-Standard Co., Inc.
STEEL MIXTURE, boiler and furnace linings, McLeod & Henry Co., Inc.
STEIGLER MARKOGRAPH, marking machine, George Steigler Co.
STEIN, add-a-section finishers' tables, Lawrence M. Stein Co.
STEIN, cuff tacker, Stein Specialty Co.
STEINER, paper towels, soaps dispensers, toilet soap, Steiner Sales Co.
STELLAR, filter, Infilco, Inc.
STERI-CHLOR, deodorizer and germicide, Wyandotte Chemicals Corp.
STERICLEAN, laundry sour, Johnson Chemical Industries, Inc.
STERLCO, pumps, traps, controls, regulators, Sterling, Inc.
STERLING, corn starch, Keever Starch Co.
STERLING, pumps, boilers, Sterling Engineering & Mfg. Co.
STERLING, salt, salt tablets, dispensers, International Salt Co.
STEVEDORE, JR., conveyor, Rapids-Standard Co., Inc.
STEVENSON, automatic counting machine, Stevenson Co.
STEWART-WARNER, instruments, Stewart-Warner Corp., Alemite Corp.
STIK-TITE, belt cement, Milwaukee Leather Belting Co.
STILSON-GENUINE, wrench, Walworth Co.
STOD-SOL, Stoddard solvent, Anderson-Prichard Oil Corp.
STONEWALL, fans, Stonewall Sales Co.
STOVER, water softeners, pressure filters, Stover Water Softener Co.
STREAMLINE, chest type flatwork ironer, American Laundry Machinery Co.
STREAMLINED LABELORS, moistening machine, Better Packages, Inc.
STREEPENE, stripper, R. R. Street & Co., Inc.
STREETEX, drycleaning soap for chlorinated solvents, R. R. Street & Co., Inc.
STRESSITE, solid bronze machine parts, Amplex Div., Chrysler Corp.
STRIPALINE-O, stripper, Keystone Aniline & Chemical Co., Inc.
STRIP-IT, powdered stripper, Kem Laboratories
STRIP-KLEEN, liquid stripper, Kem Laboratories
STRIP-STICK, stripper, National Cleaners Chemical Mfg. Co.
STRIPTEX, powdered stripper, Crescent Chemical Div., Hood Chemical Co., Inc.
STRONG, steam specialties, Strong, Carlisle & Hammond Co.
STURDI-BILT, metal laundry washer, Jensen Mfg. Co.
STYLOGRAMS, simulated paper handkerchief printed with sales message, Nashua Gummed & Coated Paper Co.
SUBALOX, lead and aluminum glimmer paint, Subox, Inc.
SUBMERSION, horizontal gas-fired boilers, horizontal gas-fired water heaters, David Stout & Sons
SUBOX, anti-corrosive paint, Subox, Inc.
SUDSO, soap builder, Washine National Sands, Inc.
SUITANDRESS, hangers, Cleaners Hanger Co.
SULFACO, wetcleaner, R. R. Street & Co., Inc.
SULFOSUDS, soapless soap, Merson Products Co.
SULFSTAD, soap, Stadham Co., Inc.
SULPHOGEN, spotting compound, Riverside Mfg. Co.
SULPHOTEX, detergent, soaps, Keystone Aniline & Chemical Co., Inc.
SULUBOL, detergent, Apex Chemical Co., Inc.
SUN, filter paste soap, Adco, Inc.
SUNBEAM, blue, Lewis National Corp.
SUN FLUORESCENT, lighting fixtures, Sun Fluorescent Electric Co.
SUN-PROOF, paint, Pittsburgh Plate Glass Co., Paint Div.
SUPER, laundry machinery, Super Laundry Machinery Co.
SUPERBELT, leather belting, Philadelphia Belting Co.
SUPERBILD, soap builder, Solvay Sales Div., Allied Chemical & Dye Corp.
SUPERCHLOR, bleach, Patterson Laboratories, Inc.
SUPER-CLEAR, rust-removing sour, Johnson Chemical Industries, Inc.
SUPER DETERGENT, detergent type drycleaning soap, National Cleaners Chemical Mfg. Co.
SUPER DRY-O-MATIC, signal and alarm control for tumblers, Rosenthal Mfg. Co.
SUPER-ELCONITE, high capacity greensand zeolite, Elgin Softener Corp.
SUPEREX, sheet block and pipe insulations, Johns-Manville
SUPERFINE, laundry starch, Washine National Sands, Inc.
SUPER FUMEPROOF, interior enamel, A. C. Horn Co., Inc.
SUPERGAUGE, gauges, United States Gauge Div., American Machine and Metals, Inc.
SUPER HIDING, interior white, U. S. Gutta Percha Paint Co.
SUPER ILLUMINATORS, incandescent lighting equipment, Edwin Guth Co.
SUPERIOR, blues, sours, Superior Products Co.
SUPERIOR, crush-proof sorting hooks, V & W Equipment Co.
SUPERIOR, marking machines, Textile Machinery Co., Inc.
SUPERIOR, rubber-tired wheels and casters, Jarvis & Jarvis, Inc.
SUPERIOR, steam generators, Superior Combustion Industries, Inc.
SUPERKLEEN, laundry alkali, Washine National Sands, Inc.
SUPER-MAMMOTH CASCADE, washer, American Laundry Machinery Co.
SUPER MERCURY, extractor, Troy Laundry Machinery Div., American Machine and Metals, Inc.
SUPER MULTIFLEX, calcium carbonate, Diamond Alkali Co.
SUPER OILITE, ferrous-base lubricating bearings, Amplex Div., Chrysler Corp.
SUPERPACKING, leather packings, Philadelphia Belting Co.
SUPER-PLASTIC, refractory materials, A. P. Green Fire Brick Co.
SUPER PURGO, soap builder, Minnesota Chemical Co.
SUPER RAMTITE 22, plastic refractory, Ramtite Co.
SUPER SERVICE, pads and padding, press and ironer, Progressive Textile Mfg. Co.
SUPERSILICATE, detergent, Diamond Alkali Co.
SUPER SILVERTOP, steam traps, strainers, traps, V. D. Anderson Co.
SUPER-SOL, prespotter, National Cleaners Chemical Mfg. Co.
SUPER-SPEED, drycleaning tumbler, American Laundry Machinery Co.
SUPER STEEL, pins, safety pins, William Prym, Inc.
SUPER SYLON, ironer, American Laundry Machinery Co.
SUPER-TEX, detergent, Nu-Pro Mfg. Co.
SUPER-VAC, rug cleaning suction machine, American Laundry Machinery Co.
SUPER X, break powder, Speare Co.
SUPER-ZARMO, air-driven laundry presses, American Laundry Machinery Co.
SUPER-ZARMOETTE, air-driven laundry presses, American Laundry Machinery Co.
SUPER-ZORIC, drycleaning unit, American Laundry Machinery Co.
SUPREME, laundry starch, Clinton Foods Inc.
SUR-CHEK, receipt plate sorting hook, O. K. Products, Inc.
SURE-FLUO, ironer wax, Johnson Chemical Industries, Inc.
SURE-HOLD, paper specialties, wrappers, Sure-Hold Div., Nashua Gummed & Coated Paper Co.
SURELOC, aluminum collar and cuff fasteners, collar buttons, Sureloc Paper Clip Co.
SURE-RETURN, condensation pumps, Chicago Pump Co.
SURFALUX, resin emulsion paint, Vita-Var Corp.
SURFAX, wetting agents, E. F. Houghton & Co.
SURFEX, calcium carbonate, Diamond Alkali Co.
SURFEX MM, calcium carbonate, Diamond Alkali Co.
SUSPENSO, calcium carbonate, Diamond Alkali Co.
SUSSMAN, steam iron, Automatic Steam Products Corp.
SUZIE-Q, garment finisher and fabric conditioner, Excelsior Machinery Co.
SWAN, valves, Kluptel Mfg. Co.
SWANEE, cover duck, Minnesota Chemical Co.
SWANSDOWN, calcium carbonate, Diamond Alkali Co.
SWATCH WAY, spotting course, Delray Industries, Inc.
SWINGLINE, staples, staplers, Speed Products Co., Inc.
SWIVELOADER, box car loaders, Stephens-Adamson Mfg. Co.
SWIV-O-HOOK, hangers, Garment Hanger Co.
SYLON, chest type flatwork ironer, American Laundry Machinery Co.
SYLVANIA, cellophane, Sylvania Div., American Viscose Corp.
SYNASOL, solvent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
SYNCHRO-VALVE, diaphragm control valve, Bristol Co.
SYNDET, synthetic detergent, Chemical Sales Div., West Side Bag & Paper Co., Inc.
SYNOTERGE, drycleaning soap for chlorinated solvents, Rayochem Products Co.
SYNRENE, drycleaning soap, Wonder Wash Corp.
SYNRENE 210, drycleaning soap, Wonder Wash Corp.
SYNSUDS, soap, H. Kohnstamm & Co., Inc.
SYNSUDS, synthetic soap powder, Trico Chemical Div. of Tri-State Equipment Co.
SYNTHEEL, liquid filter soap, National Cleaners Chemical Mfg. Co.
SYNTHESOL-100, drycleaning soap for synthetic solvent, Patek & Co.
SYNTHITE, zeolite, Hungerford & Terry, Inc.
SYNTHO, soap for chlorinated solvents, National Cleaners Chemical Mfg. Co.
SYNTH-O-SAVER, solvent recovery unit, Detrex Corp.
SYNTHOSOL, neutral wet spotting agent, Allen and Vickers, Inc.
SYNTHO SUDS, synthetic soap powder, Chemical Sales Div., West Side Bag & Paper Co., Inc.
SY PENETRANT, drycleaning detergent, Merson Products Co.

T

TDI, high pressure boiler, Titusville Iron Works Co. Div. Struther Wells Corp.
TABACO, water heaters, Kewanee Boiler Corp.
TACO, heaters, condensers, hot water systems, Taco Heaters, Inc.
TAD, insecticides, deodorants, Tad Chemical Co., Div. Acme Industrial Compounds Corp.
TAD, tags, Boston Clip & Tag Co.
TAG, all type recording instruments, C. J. Tagliabue Division, Portable Products Corp.
TAGAWAYS, laundry marking tags and pins, tag attaching machines, Boston Clip & Tag Co.
TAGGER, sewing machine for tagging, Chandler Machine Co.
TAG-O-MATIC, tag making and marking machine, Textile Marking Machine Co., Inc.
TAG PIN, laundry marking pins, National Marking Machine Co.
TAHOE, laundry blue, Patek & Co.
TAKALAB, concentrated enzymic digestant, Takamine Laboratory, Inc.
TA-KABA-HUKS, specialty appliance, Take-Care Mfg. & Sales Co.
TAKIMERSE, enzymic digestant for bath, Takamine Laboratory, Inc.
TALASE, desizing agent, Takamine Laboratory, Inc.
TALLEY, belt and motor driven wooden washers, Talley Laundry Machinery Co.
TAN-AN-INK, ink remover, Package Chemical Co., Inc.
TANSOL, tannin stain remover, Greenville Chemical Co.
TAN-X, semi-wet stain remover, National Cleaners Chemical Mfg. Co.
TARBONIS, protective skin cream, Tarbonis Co.
TARGO, tar remover, A. L. Wilson Chemical Co.
TASCO, alkali (soap builder), Lewis National Corp.
TASCO TINT, blue, Lewis National Corp.
TAUBMAN, ballpoint marking pen, Samuel Taubman, Inc.
TAYLOR, stokers, American Engineering Co.
TEJAX, valve indicator, Tejax Engineering Corp.
TELEMASTER, relays, Tork Clock Co., Inc.
TELL BOARD, bulletin board, Mine Safety Appliances Co.
TELLEVEL, bin level control switches, Stephens-Adamson Mfg. Co.
TEL-U-VISION, transparent garment bags, Mehl Mfg. Co.
TEMPLETON, steam traps, Sterling Engineering & Mfg. Corp., Templeton Mfg. Co.
TEN-MINIT, bleach, Warco Laboratories
TERGIT, spotting compound, Riverside Mfg. Co.
TERGITOL, wetting agent, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
TETRACLEAN, synthetic drycleaning unit, Ayr-Mor Machinery Co.
TETRAPOL, spot washing, tar removal, General Dyestuff Corp.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

TETRA-SAN, liquid detergent, Huntington Laboratories
TEX-ALL, rug cleaner, Certified Chemical Co.
TEXANA, laundry soap, Texas Soap Mfg. Corp.
TEXITE, industrial detergent, H. Kohnstamm & Co., Inc.
TEXIZE, sizing preparation, Package Chemical Co., Inc.
TEXO, laundry soap, E. F. Drew & Co., Inc.
TEXTAG, identification system for drycleaners, Textag Co., Inc.
TEXTAG, lot system of production control, Carman & Co., Inc.
TEXTICIDE M, aqueous type fungicide, Atlantic Stainproof Co., Inc.
TEXTICIDE MC, solvent type fungicide, Atlantic Stainproof Co., Inc.
TEXTO, glazed thread, Fleischer Mills, Inc.
TEXTURE-SAN, fabric conditioner, Huntington Laboratories
THERMO-HUMIDIGRAPH, combination temperature and humidity recorder, Bristol Co.
THERMOKOTE, heat-resisting paint, Vita-Var Corp.
THERMOTEX, cover cloth, H. Kohnstamm & Co., Inc.
THERMOTEX "S," heat resistant cover cloth, H. Kohnstamm & Co., Inc.
THERMO-VENTO, drying tumbler, American Laundry Machinery Co.
THOR, intermediate quality, stiff mud firebrick, Mexico Refractories Co.
THORAL, rug shampoo, Turco Products, Inc.
3B, automatic synthetic drycleaning unit, Prosperity Co., Inc.
3-B DYNAMITE, soap, Rome Soap Mfg. Co.
3-STAR, leather and waterproof leather belting, Charlotte Leather Belting Co.
THREE STAR, pads, padding, puff iron sets, Baltimore Specialties Co.
328, ironer oil, John P. Lynch Co.
THRIFTIES, collar supports, M. H. Cronauer Co.
THURSTEND, drinking fountains, Crane Co.
THRODE, double face padding, Tingue, Brown & Co.
TICKETAG, drycleaning identification system, Ticke-Tag Corp.
TICOTHERM, high pressure boiler, Titusville Iron Works Co., Div. of Struther Wells Corp.
TIE-PAK, tie racks and bags, Phoenix Products Co.
TIGER, paste type detergent, Adco, Inc.
TILTOR, shirt unit and shirt presses, American Laundry Machinery Co.
TIME-O-MATIC, for extractors, Rosenthal Mfg. Co.
TIME SAVERS, garment racks, trouser guards, shot envelopes, Time Savers, Inc.
TI-ME-TER, laundry equipment timer, Bildwel Mfrs.
TIMKEN, roller bearing, tubings, Timken Roller Bearing Co.
TINDECK, double face padding, Tingue, Brown & Co.
TI-NI-TER, indicating timer, Bildwell Mfgrs.
TI-RAK, necktie hanger, Para-Lux Products Co.
TITANIC, stripper, Spix Products Co.
TITE-FLEX, flexible metallic tubing, industrial and finishing filters, Titeflex, Inc.
TITESEAL, gasket and joint sealing compound, Radiator Specialty Co.
TOLEDO, scales, Toledo Scale Co.
TOPAZ, high titer built soap chip, Armour & Co.
TOP FLITE, rubber belt, Webb Belting Co.
TORK, time switches, Tork Clock Co., Inc.
TORNADO, blowers, industrial vacuum cleaners, floor machines, Breuer Electric Mfg. Co.
TORRIDOR, blower unit heater, Trane Co.
TOTALUME, aluminum paint, Wilbur & Williams Co.
TOTRUST, rust inhibitive paint, Wilbur & Williams Co.
TRAN-CEL-SEAL, cellulose tape, Gummed Tape & Devices Co.
TRANSAXIL, electronic flame-guard safety pilot, Lee B. Mettler Co.
TRANSITE, asbestos-cement pipe, Johns-Manville
TRIAD, alkali and emulsion cleaning compounds, Detrex Corp.
TRI-CLAD, motors, General Electric Co.
TRICLENE, drycleaning solvent, E. I. du Pont de Nemours & Co., Inc.
TRICO, air guns, fuse pullers, renewable fuses and elements, Trico-Fuse Mfg. Co.
TRICO SOUR, wetcleaning sour, Trico Chemical Div. of Tri-State Equipment Co.
TRIMERSE, enzymic digester, Trico Chemical Div. of Tri-State Equipment Co.
TRIPLE-A, paints, Quigley Co., Inc.
TRIPLEX, drycleaning systems, petroleum safety solvent, Triplex Industries, Inc.
TRISOL, stain remover, Eaton Chemical and Dyestuff Co.
TRIVEX D-50 and TRIVEX W-50, 50% BHC dry and wettable dust concentrates, Westvaco Chemical Div., Food & Machinery Corp.
TRIWAY, for finisher, Walter Haertel Co.
TROMEX, stabilized trichlorethylene degreasing solvent, Westvaco Chemical Div., Food & Machinery Corp.
TROPELITE, paint, Tropical Paint & Oil Co.
TROPICAL, nut shells for fur cleaning, Bernard Sirotta Co.
TROPILUX, white enamel, Tropical Paint & Oil Co.
TROUS-GARD, trouser guard, Para-Lux Products Co.
TROUSER-FORMR, pants shaper, Bill Glover, Inc.
TROY, laundry machinery, Troy Laundry Machinery Div., American Machine and Metals, Inc.
TROY-ENBERG, steam engines, generators, Troy Engine & Machine Co.
TRU COLOR, dyeing, Tru Color Dye Works
TRUFOLD, shirt folding machine, J. W. Steele & Co.
TRUFORM, steam-air garment finisher, American Laundry Machinery Co.
TRUMATIC, flatwork folder, American Laundry Machinery Co.
TRUMP, spot remover, Spix Products Co.
TRU-SHEEN CONCENTRATE, drycleaning soap, Tru-Sheen Corp.
TT TICKE TAG, identification systems, Ticke-Tag Corp.
TUFF HIDE, padding, Pittsburgh Waterproof Co.
TUFFLEX, padding, Wood Conversion Co.
TUMBOLITE, lighting fixture for open-end tumblers, Donnell Co.
TURBO ACTION, washers, Zephyr Laundry Machinery Co.
TURBO-VACUUM COMPRESSOR, centrifugal refrigeration, Trane Co.
TURCO, insecticides, germicides, Turco Products, Inc.
TURRET, water supply pump, Yeomans Bros. Co.
TUWAY, strainers, Wright-Austin Co.
20th CENTURY, needle bearing, Roller Bearing Co. of America
20-L, laundry starch, Clinton Foods, Inc.
TWENTY-TWENTY, front loading washer, American Laundry Machinery Co.
TWIN CONTACT, controls, regulators, gauges, Fedco Corp.
TWINMATIC, washer and extractor, Imperial Laundry Machinery Co.
TWINPLEX, for cleaning drum and cage, Walter Haertel Co.
TWIN-PRESS, drycleaning press, Reliable Steam Pressing Machinery Co.
TWINTAINER, extractor, Fletcher Works, Inc.
TWITCHELL, emulsifying bases, Emery Industries, Inc.
209, general formula, R. R. Street & Co., Inc.
"249," stripper, Patek & Co.
TY-BORDS, forms for pressing neckties, Joe L. Winner
TYCO, stick machine cleaner for hot irons, presses, Tyson-Hatchel Co., Inc.
TYGON, plastics, U. S. Stoneware Co.
TYMIT, timers, Tork Clock Co., Inc.
TYPE 16, 16+, 16+2, 16R, soap builders, Turco Products, Inc.
TYUPS, bundle tyers, Tie Co.

U

U-S, stoneware jars, U. S. Stoneware Co.
UCON, lubricants (synthetic oil and grease), Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
UCON, tumblers, drycleaning units, U. S. Hoffman Machinery Corp.
U-DOR-A, spot remover, Nu-Pro Sales Corp.
ULTRA-SOL, soap builder, Thompson-Hayward Chemical Co.
ULTRA-SPEED, drying tumbler, American Laundry Machinery Co.
ULTRA-WITE, fluorescent compound, whitener, H. Kohnstamm & Co., Inc.
UNAFLOW, steam engines, Ames Iron Works
UNA RETURN, ironer, Zephyr Laundry Machinery Co.
UNIFLO, drycleaning washer, Western Laundry Machinery Co.
UNILEVER, cylinders, Zephyr Laundry Machinery Co.
UNIPRESS, air-driven laundry presses, Unipress Co.
UNITED, washable uniforms, United Cotton Goods Co., Inc.
UNITHERM, unit heaters, Clarage Fan Co.
UNITHRIFT, complete drycleaning unit, Butler Mfg. Co.
UNIT WASH, washer-extractor, Harmon Products Co.
UNIVALVE, valves, Edward Valves, Inc., Subsidiary Rockwell Mfg. Co.
UNIVERSAL GIANT, compression and flexible couplings, shaft hangers, T. B. Wood's Sons Co.
UNIVERSAL SPEED-FEED, device for feeding continuous forms through typewriters and billing machines, Egry Register Co.
UNIVERSAL STRIPPER, stain remover and stripper, H. Kohnstamm & Co., Inc.
UNLOADING CASCADE, laundry washer, American Laundry Machinery Co.
UNOX, penetrant for fire-fighting, Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp.
U-SAN-O, mothproofing, American Mothproofing Co.
USEFUL, racks, truck poster frames, Useful Products, Inc.

V

V-C, feed ribbons, textiles, Virginia-Carolina Laundry Supply Co.
V.D., spotter, Adco, Inc.
VALETOR, drycleaning equipment, U. S. Hoffman Machinery Corp., Valetor Dist.
VANETTE, truck bodies, Vanette Div., Brooks & Perkins, Inc.
VANITE, liquid detergent, Adco, Inc.
VAPOR-CLARKSON, steam generating unit, Steam Engineering & Sales Co.
VAPOSAVER, combination tumbler, reclaimer, U. S. Hoffman Machinery Corp.
VEE-LOK, clutch facings, Raybestos-Manhattan, Inc.
VEE-THREE, paste drycleaning soap, Riverside Mfg. Co.
VEGETABLE IVORY, buttons, Eureka Button Co.
VELCO, marking ink and sets, Ink-O Products Co.
VELOCITY DRAINER, steam trap (float), Wm. Acker Organization, Inc.
VELOCITY STEAM, steam system, Velocity Steam Production Eng. Co.
VELVET RAINBOW, combination starch, Huron Milling Co.
VELVET WHEAT, wheat starch, Huron Milling Co.
VELVO, wetcleaning soap, Davies-Young Soap Co.
VER-E-GOOD, enamel, lacquer, paint, Devere Co.
VERTEX, low titer soap flakes, Swift & Co.
VIBRAMOVER, fur finishing table, Walter Haertel Co.
VIBRA-SORBER, pipeline vibration absorber, Chicago Metal Hose Corp.
VIC, drycleaning washers, drying cabinets, Vic Cleaning Machine Co.
VIC 90, synthetic solvent drycleaning machine, Vic Cleaning Machine Co.
VICTOR, wheat starch, Keever Starch Co.
VICTORY, blue, Minnesota Chemical Co.
VICTORY, drycleaning soaps, Patek & Co.
VICTORY, for cleaning fluid, Bernard Sirotta Co.
VICTORY, laundry marking tags, Tagit Co.
VIGIL, diaper antiseptic and deodorant, Patek & Co.
VIKE, pipe joint compound, Keystone Lubricating Co.
VIKING, intermediate quality, dry press firebrick, Mexico Refractories Co.
VIKING, pumps, Viking Pump Co.
VIM, leather packing, belting, E. F. Houghton & Co.
VIM, steam engine, Ames Iron Works
VIRGILINA, apron cement, blue, marking pen points, Virginia-Carolina Laundry Supply Co.
VIRGINIA GREENSTONE, non-skid floor surfacing material, soaking and rinsing tubs, wetcleaning tables, Virginia Greenstone Co., Inc.
VIS-ALL, filing system for offices, Econo-Pak Register Co.
VISCOR, filter, Weston Electrical Instrument Corp.
VITA-CAL, self sealing flat wall finish in semi-paste form, Vita-Var Corp.
VITA-CLOR, mildewproofing, weatherproofing finishes, Vita-Var Corp.
VITA-LUX, synthetic white enamel spar varnish, Vita-Var Corp.
VITA-VAR, paints, enamels, varnishes, Vita-Var Corp.
VITEX, drycleaning soaps, Patek & Co.
VOKES, air cleaners, filters, separators, strainers, Drico Industrial Corp.
VOLCLAY, bentonite clay, American Colloid Co.
VOLTEX, spotting agent, Spix Products Co.
VORCLONE, extractors, tumbler, U. S. Hoffman Machinery Corp.
VORSEC, extractors, drycleaning units, U. S. Hoffman Machinery Corp.
V-S DRIVE, all-electric adjustable speed drive for a.c. circuits, Reliance Electric & Engineering Co.
VULCAN, cover cloth, Pittsburgh Waterproof Co.
VULCAN, stokers, Canton Stoker Corp.
VULCATEX, caulking and glazing compound, A. C. Horn Co., Inc.

W

W. P. R., wet and dry paint remover, National Cleaners Chemical Mfg. Co.
WALCO, pipe wrench, Walworth Co.
WALDDORF, paper hangers, Waldorf Co.
WALLHIDE, paint, Pittsburgh Plate Glass Co., Paint Div.
WALSEAL, threadless bronze fitting, Walworth Co.
WALSH, diaphragms, gaskets, packings, pump valves, Walsh Packing Co.
WAREHOUSER, industrial trucks, Rapids-Standard Co., Inc.
WARREN, leather belting, cement, dressing, Warren Belting Co., Inc.
WASHEX, combination washer-extractor, Fabric Laundry & Dry Cleaning Machinery Corp.
WASHINE, bleach (sodium hypochlorite), Washine National Sands, Inc.
WASHINITE, detergent, Washine National Sands, Inc.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

WASHMOR, nylon laundry nets, Tingue, Brown & Co.
WASHOMETER, washing machine recorder, Huebsch Mfg. Co.
WASHTEX, overall compound, Thompson-Hayward Chemical Co.
WATCH-DOG, water meters, Worthington Pump & Machinery Corp.
WATCOCELL, asbestos pipe covering, blocks, Ruberoid Co.
WATERPROOFON PRK, water repellent, Apex Chemical Co., Inc.
WATERSPAR, polishing wax, Pittsburgh Plate Glass Co., Paint Div.
WATERWAY, JR., combination washer-extractor, Waterway Co.
WEAVE-BAC, reweaving process, Weave-Bac
WEDGE-LOCK, steel shelving, Berger Mfg. Div., Republic Steel Corp.
WEDGEWAX, anti-skid floor wax, Pest Control Equipment Co.
WEE-SCOT, high pressure boiler, Titusville Iron Works Co., Div. Struther Wells Corp.
WELDMASTER, platform, Lewis-Shepard Products, Inc.
WELPCO, steam valves, discs, Western Laundry Press Co.
WERKRITE, neutral tallow flakes, powder, M. Werk Co.
WERK'S COLDWATER, built red oil soap, M. Werk Co.
WESCLENE, liquid break, Chemical Sales Div., West Side Bag & Paper Co., Inc.
WESCO, paint and grease remover, Chemical Sales Div., West Side Bag & Paper Co., Inc.
WESCOTT, shirt packaging supplies, Wescott Products Corp.
WESOFORM, safety chloroform, Chemical Sales Div., West Side Bag & Paper Co., Inc.
WEST COAST, extractors, washers, ironers, curtain stretchers, West Coast Laundry Machinery Co.
WESTERN, deep well turbine pumps, deep well turbine pressure systems, Western Pump Co., Ltd.
WESTERN, drycleaning and laundry washers, extractors, Western Laundry Machinery Co.
WESTINGHOUSE, air compressors, Westinghouse Air Brake Co.
WESTINGHOUSE, lamps, Westinghouse Electric Corp.
WESTON, instruments, Weston Electric Instrument Corp.
WESTTEX, soap builder, Chemical Sales Div., West Side Bag & Paper Co., Inc.
WESTVACO, chlorinated solvent (synthetic), Westvaco Chemical Div., Food Machinery & Chemical Co.
WETAWAY, water repellent, Carman & Co., Inc.
WET-CLEAN-EZE, wetcleaning soap, Bayochem Products Co.
WETCLEEN, liquid wetcleaning soap, G & G Chemical Co.
WETKLENE, liquid wetcleaning soap, Allen and Vickers, Inc.
WET-O-DRY, paint remover, Merson Products Co.
WETSIT CONC., wetting agents, Jacques Wolf & Co.
WETSPOT, wet spotter, Adco, Inc.
WETSYN, synthetic detergent, E. F. Drew & Co., Inc.
WET-TEX, synthetic detergents, Speare Co.
WETTSPOTTER, paint, oil and grease remover, Riverside Mfg. Co.
WHALEBONE, leather and waterproof leather belting, Charlotte Leather Belting Co.
WHEATEX, combination starch, Huron Milling Co.
WHEAT-N-CORN, combination starch, Keever Starch Co.
WHEEL, starch, A. E. Staley Mfg. Co.
WHEEL-EZY, hand truck, Rapids-Standard Co., Inc.
WHIRL-SORT, sorting reel, Franklin Mfg. Co.
WHIRLWIND, extractor, Fletcher Works, Inc.
WHITE, steam puff irons, clothes cart, clothes rack, spotting boards, industrial trucks, White Machine Co., Inc.
WHITE CAP, drycleaning soap, Midland Color & Chemical Co.
WHITE CAP, laundry blue, Beach Soap Co.
WHITEHOUSE, nylon nets, cover cloth, padding, Whitehouse Products, Inc.
WHITE HOUSE, wheat starch, Huron Milling Co.
WHITEINT, fluorescent dye addition to soaps, Carlton Chemical Co., Inc.
WHITE RIBBON, tallow soap chips and powder, Swift & Co.
WHITE STAR, drycleaning paste soap, R. R. Street & Co., Inc.
WHITLOCK, preheaters, Whitlock Mfg. Co.
WHITSON SYSTEM, boiler return systems, Healy-Ruff Co.
WILLIAMS, laundry and drycleaning machinery, Williams Laundry Machinery Co., Inc.
WILLIAMS & DAVIS, boilers, condensation return systems, return units, boiler feed water systems, Williams & Davis Boiler & Welding Co., Inc.
WILLIS-MILCO, rug beater, A. O. Miller Co.
WINDO, cedarized storage bag, Lincoln Bag Co.
WING CLAMP, collar support, Para-Lux Products Co.
WING-GARDS, hanger shields, Para-Lux Products Co.
WING LOCK, collar support, Para-Lux Products Co.
WING ROLL, garment hanger, Para-Lux Products Co.
WINKLER, stokers, U.S. Machine Corp.
WIZARD, laundry net, Southern Mills, Inc.
WOLF, electric cloth cutters, fabric drills, Wolf Machine Co.
WOLVERINE, synthetic drycleaning machine, steam cleaning table, Wolverine Sales Co.
WONDERWASH (OL) wetcleaning soap, Wonder Wash Corp.
WONDER WORKER, sewing machine, U. S. Blind Stitch Machine Corp.
WONDRESS, flatwork ironer pads, Southern Mills, Inc.
WOOL, soap, Swift & Co.
WORK SAVERS, drycleaning truck, Time Savers, Inc.
WOVE RITE, cover cloth, padding, Lewis National Corp.
WRAP-O-MATIC, automatic paper cutting and wrapping machine, Rosenthal Mfg. Co.
WULPRESS, wool press cloth and surface cloth, nylon and wool press and surface cloth, Arms Textile Mfg. Co.
WYANDOTTE, detergents, sours, floor wax, Wyandotte Chemicals Corp.
WYTEN, soap builder, Turco Products, Inc.
WYTINO, stripper, Kuehne Chemical Co.

X

X. S., nylon press covers, X. S. Smith, Inc.
XANNO, indelible ink (no heat), Applegate Chemical Co.
X-PANDO, collar supports, Time Savers, Inc.

Y

YA-DE, mothproof, Crossland Mfg. Co., Inc.
YARWAY GUN PAKT, expansion joints, Yarnall-Waring Co.
YARWAY HI-LO ALARM, water columns, Yarnall-Waring Co.
YARWAY HI-LO-GRAPH, liquid level recorder, Yarnall-Waring Co.
YARWAY IMPULSE, steam traps, Yarnall-Waring Co.
YARWAY INVOLUTE, spray nozzles, Yarnall-Waring Co.
YARWAY SEATLESS, blow-off valves, Yarnall-Waring Co.
YARWAY SESURE INCLINED, water gauges, Yarnall-Waring Co.
YELLOWGO, liquid dye reducing agent, A. L. Wilson Chemical Co.
YELLOW REMOVER, dye stripper, Patek & Co.
YELLOW SPECIFIC NO. 15, liquid stripper, Carman & Co., Inc.
YELO-LIQUID COLD STRIPPER, stain remover and stripper, H. Kohnstamm & Co., Inc.
YORK-HEAT, burners, generators, York-Shipley, Inc.

Z

Z-P, drycleaning soaps, Caled Products Co., Inc.
Z-AIR, drycleaning press, Prosperity Co., Inc.
ZANZIBAR-CARBON, blues, curtain colors, indelible ink, indelible ink eradicator and thinner, B. Heller & Co.
ZARMITE, foot-power laundry presses, American Laundry Machinery Co.
ZARMO, foot-power laundry presses, American Laundry Machinery Co.
ZARMOETTE, air-driven laundry presses, American Laundry Machinery Co.
ZEETONE, paint remover, Riverside Mfg. Co.
ZELCO, press and ironer pads, padding, press covers, Nathan Zellermayer & Co.
ZELON, durable water repellent, E. I. du Pont de Nemours & Co., Inc.
ZELTEX, press and ironer pads, padding, press covers, Nathan Zellermayer & Co.
ZENITH, extractors, filters, washers, Billingsly Machinery Co.
ZEPHYR, extractor, ironer, washer, Zephyr Laundry Machinery Co.
ZERO, combination water softener and iron removers, neutralizers, Zero Water Softener Mfg. Co.
ZEROSOFT, water softener, iron remover, filter, zeolite, Zero Water Softener Mfg. Co.
ZIG-ZAG, heat exchangers, David Stout & Sons
ZIP, Celanese curtain finisher, Hopkins Equipment Co.
ZIP, go-back conveyor, Time Savers, Inc.
ZIP-EASE, zipper lubricator, Grauer Research Mfg. Co.
ZIPON, leather finish, Keystone Aniline & Chemical Co., Inc.
ZIPPER-EASE, zipper lubricant, American Grease Stick Co.
ZIP-R-FIX, tool kit for repairing zippers, Mars Tool Co.
ZIP STIK, ink remover, Keystone Aniline & Chemical Co., Inc.
ZOLVIT, paint, oil and grease remover, Riverside Mfg. Co.
ZONE-AIR, leather reconditioning unit, American Laundry Machinery Co.
ZONE-AIR, laundry or drycleaning drying tumbler, American Laundry Machinery Co.
ZONEX, chloroform substitute, Package Chemical Co., Inc.
ZORIC, garment cleaning system, American Laundry Machinery Co.
Z-RAY, drycleaning detergent, Delan Co.
ZUDS, penetrant, Caled Products Co., Inc.
ZURON, petroleum solvent drycleaning unit, American Laundry Machinery Co.
ZYME, enzymic desizing and cleaning compound, Carman & Co., Inc.
ZYMO, enzymic spot remover, Keystone Aniline & Chemical Co., Inc.

For manufacturers' addresses see MANUFACTURERS' list beginning page 284

MANUFACTURERS

equipment and supply producers listed alphabetically with their mailing addresses

A

A. A. A. Weaving Service, 1182 Madison Ave., New York 28, N. Y.
AA Laundry & Cleaning Machinery Co., 508 Christopher St., Brooklyn 12, N. Y.
A. A. Laundry Machinery Co., 1110-12 S. Kedzie Ave., Chicago 12, Ill.
A. G. S. Co., Muskegon, Mich.
Abest Equipment Co., 366 Third Ave., New York 16, N. Y.
Academy Hanger Co., Inc., 177 E. 123rd St., New York 55, N. Y.
Academy Paper Box Co., 3604 Park Ave., New York 56, N. Y.
Ace Cabinet Corp., Belleville Ave., New Bedford, Mass.
Ace Fastener Corp., 3415 N. Ashland Ave., Chicago 13, Ill.
Ace Hose & Rubber Co., 761 W. Van Buren St., Chicago 7, Ill.
Acker Organization, Inc., 3167 Fulton Rd., Cleveland 9, Ohio
Acme Dye House, Inc., 7606 Carnegie Ave., Cleveland 3, Ohio
Acme Industrial Compounds Corp., 625 S. Goodman, Rochester 7, N. Y.
Acme Soap Co., 251 Third St., Cambridge 42, Mass.
Adams Weaving Co., 1123 Republic Bldg., Chicago 4, Ill.
Adco, Inc., 900-928 W. Main St., Sedalia, Mo.
Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, Ohio
Adell Chemical Co., 176 Race St., Holyoke, Mass.
Aeovent Fan Co., 700 E. Ash St., Piqua, Ohio
Alert Engineering Products, 315 W. Woodbridge St., Detroit 26, Mich.
Airline Mfg. Co., 4548-52 Gravois Ave., St. Louis 16, Mo.
Allcraft Mfg. Co., Inc., 27 Hayward St., Cambridge 42, Mass.
Allegheny-Ludlum Steel Corp., Oliver Bldg., Pittsburgh 22, Pa.
Allen Billmyre Div., Lamson Corp., 459 Lamson St., Syracuse 1, N. Y.
Allen Business Machines, Inc., R. C., 678 Front St., N. W., Grand Rapids, Mich.
Allen and Vickers, Inc., 495 Glen Iris Dr., N. E., Atlanta 5, Ga.
Allied Equipment Co., 7671 Rogers Ave., Chicago 26, Ill.
Allied Printing & Stationery Co., Inc., 270 Lafayette St., New York 12, N. Y.
All-in-One Mfg. & Supply Co., 1408 Cook St., Houston 6, Texas
Allis-Chalmers Mfg. Co., 1126 S. 70th St., Milwaukee 1, Wisc.
Allis Co., The Louis, 427 E. Stewart St., Milwaukee 7, Wisc.
Almore Dye House, 4412-4424 Wentworth Ave., Chicago 9, Ill.
Alrose Chemical Co., P. O. Box 1294, Providence 1, R. I.
Aluminum Co. of America, 640 Gulf Bldg., Pittsburgh 19, Pa.
Amber Mfg. Co., 607 S. Union Ave., Los Angeles 14, Cal.
Amber Weaving Service, 611 Main St., Buffalo 3, N. Y.
American Air Compressor Corp., 48th & Dell Ave., North Bergen, N. J.
American Aniline Products, Inc., 820 S. Clinton St., Chicago 7, Ill.
American Associated Companies, Inc., 308-20 Ivy St., N. E., Atlanta 1, Ga.
American Brake Shoe Co., Kellogg Div., Rochester 9, N. Y.
American Brass Co., The American Metal Hose Branch, 698 S. Main St., Waterbury 88, Conn.
American Coal Burner Co., 18 E. Erie St., Chicago 11, Ill.
American Coat Hanger Mfg. & Specialty Co., 3017-21 W. Jefferson Blvd., Los Angeles 16, Cal.
American Colloid Co., 363 W. Superior St., Chicago 10, Ill.
American Coolair Corp., Box 2300, Jacksonville 3, Fla.
American District Steam Co., 70 Bryant St., North Tonawanda, N. Y.
American Dyeing & Cleaning Co., 4110 Worth St., Dallas 1, Texas
American Electrical Heater Co., 6110 Cass Ave., Detroit 2, Mich.
American Engineering Co., Aramingo Ave. & Cumberland St., Philadelphia 25, Pa.
American Felt Co., Glenville, Conn.
American Hair & Felt Co., 1828 Merchandise Mart, Chicago 54, Ill.
American Hatters Supplies, Inc., 542 S. Dearborn Chicago, Ill.
American Heat Corp., 80 Boyleston St., Boston 16, Mass.
American Ironing Machine Co., Algonquin, Ill.
American K.A.T. Corp., 331 Madison Ave., New York 17, N. Y.
American-La France-Fosmite Corp., 100 E. La-France St., Elmira, N. Y.
American Laundry Machinery Co., The, Norwood Station, Cincinnati 12, Ohio
American Mineral Spirits Co., 230 N. Michigan Ave., Chicago, Ill.
American Monorail Co., 13107 Athens Ave., Cleveland 7, Ohio
American Mothproofing Co., 711 N. Euclid Ave., St. Louis 8, Mo.
American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.
American Pressboard Co., 110 W. 30th St., New York 1, N. Y.
American Sterilizer Co., 1230 Plum, Erie, Pa.
American Textile Weaving Co., 5 N. Wabash, Chicago, Ill.
American Wire Form Co., 265 Grant Ave., Jersey City 5, N. J.
American Writing Ink Co., Inc., 15 Hathaway St., Boston, Mass.
Amerling Chevrolet Corp., 38-14 13th Ave., Brooklyn 18, N. Y.
Ames Iron Works, Oswego, N. Y.
Anderson, Glenn L., 3887 Bushnell Rd., Cleveland 18, Ohio
Anderson Box & Basket Co., Inc., Henderson, Ky.
Anderson-Campbell Co., 53 S. Broadway, Yonkers, N. Y.
Anderson Co., V. D., 1935 W. 96th St., Cleveland 2, Ohio
Anderson-Prichard Oil Corp., Apco Tower, Oklahoma City 2, Okla.
Andrew Paper Box & Bag Corp., 845 Gates Ave., Brooklyn 23, N. Y.
Andrew Technical Service, 111 E. Delaware Pl., Chicago 11, Ill.
Angelica Uniform Co., 1419-29 Olive St., St. Louis 3, Mo.
Angle Steel Stool Co., 403 Water St., Plainwell, Mich.
Ansul Chemical Co., Marinette, Wisc.
Anthony Co., The, 47-33 Fifth St., Long Island City 1, N. Y.
Apex Chemical Co., Inc., 225 W. 34th St., New York 1, N. Y.
Applegate Chemical Co., 5630-32 Harper Ave., Chicago 37, Ill.
Aqua-Sec Corp., 1450 Broadway, New York 18, N. Y.
Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.
Armite Laboratories, 1900 E. 65th St., Los Angeles 1, Cal.
Armour and Co., 1355 W. 31st St., Chicago 9, Ill.
Arms Textile Mfg. Co., 51 Madison Ave., New York 10, N. Y.
Armstrong Machine Works, 832 Maple St., Three Rivers, Mich.
Armstrong Machinery Co., 381 Peachtree, N. E., Atlanta 3, Ga.
Arnold-Hoffman & Co., Inc., 55 Canal St., Providence, R. I.
Aroscent, Inc., P. O. Box 269, Dobbs Ferry, N. Y.
Arrow Mfg. Co., Inc., 2924 Terrace St., Kansas City 8, Mo.
Arrow Tank Co., Inc., 16 Barnett St., Buffalo 15, N. Y.
Ashton Valve Co., The, 161 First St., Cambridge 39, Mass.
Asselin, Inc., Victor, 150 W. 30th St., New York 1, N. Y.
Associated Crib Diapers Cos., 4747 N. Damen Ave., Chicago 25, Ill.
Atlanta Brush Co., Box 1358, Atlanta 1, Ga.
Atlanta Paper Co., Marietta Ave., Atlanta, Ga.
Atlantic Stainpruf Co., 10 Hudson Pl., Hoboken, N. J.
Atlas Body Co., 4150 E. Thompson St., Philadelphia 37, Pa.
Atlas Powder Co., Industrial Chemicals Div., Wilmington 99, Del.
Atlas Steel Products, Inc., 1160 Chico Ave., El Monte, Cal.
Attapulgus Clay Co., 210 W. Washington Sq., Philadelphia, Pa.
Aurora Mfg. Co., 273 Tompkins Ave., Brooklyn 16, N. Y.
Autographic Register Co., Seventh & Park, Hoboken, N. J.
Automatic Paper Box Corp., 1011-25 S. California Ave., Chicago, Ill.
Automatic (Sussman) Steam Products Corp., 140 W. 31st St., New York, N. Y.
Automatic Temperature Control Co., Inc., Philadelphia 44, Pa.
Automobile Insurance Co., 151 Farmington Ave., Hartford, Conn.
Ayr-Mor Machinery Co., Inc., 601 W. Washington, Chicago 6, Ill.

B

B & C Engineering Co., 2706 Chestnut St., Toledo, Ohio
B. & G. Machinery Co., 2432 Southeastern Ave., Indianapolis 1, Ind.
Baehr Laundry Machine Co., 29 Calumet St., Newark 5, N. J.
Baeuerle & Morris Coppersmithing Co., 930-936 N. Front St., Philadelphia, Pa.
Bahnson Co., The, 1001 S. Marshall St., Winston-Salem, N. C.
Bailey Meter Co., 1050 Ivanhoe Rd., Cleveland 10, Ohio
Bailey, Pribods & Co., 326 W. Kalamazoo Ave., Kalamazoo 11, Mich.
Baker Chemical Co., J. T., N. Broad St., Phillipsburg, N. J.
Baltimore Specialties Co., 419 W. Baltimore St., Baltimore 1, Md.
Band Box Corp., The, 2301 Chouteau Ave., St. Louis 3, Mo.
Barco Mfg. Co., 1801-15 Winnemac Ave., Chicago 40, Ill.
Barrett Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.
Bartlett Label Co., 2135 Portage St., Kalamazoo 29F, Mich.
Bassick Co., The, 38 Austin St., Bridgeport 2, Conn.
Bauer & Sons, Inc., Samuel, 143 W. 29th St., New York, N. Y.
Beach Soap Co., 125 Lawrence St., Lawrence, Mass.
Beaver Pipe Tools, Inc., 310 Dana, N. E., Warren, Ohio
Behrstock Co., L., 765 W. Van Buren St., Chicago, Ill.
Belco Industrial Equipment Div., Inc., 50 Iowa Ave., Paterson 3, N. J.
Belding Basket Co., 1 High St., Belding, Mich.
Belmont Packing & Rubber Co., The, Butler & Sepviva Sts., Philadelphia 37, Pa.

Bemis Bro. Bag Co., 408 Pine St., St. Louis 2, Mo.
Bendix Aviation Corp., Flexible Hose Div., U. S. Route 6, Peterboro, N. Y.
Benwall Mfg. Co., 2859 Atlantic Ave., Brooklyn 7, N. Y.
Bergen Machine Tool Co., Inc., Bande Unit Springs Div., 189 Franklin Ave., Nutley 10, N. J.
Berger Damage Beweaving Co., 666 Madison Ave., New York 21, N. Y.
Berger Mfg. Div., Republic Steel Corp., 1038 Belden Ave., N. E., Canton 5, Ohio
Berlou Mfg. Co., 35 Blaine Ave., Marion, Ohio
Bertsch & Co., Inc., Cambridge City, Ind.
Besler Corp., 4053 Harlan St., Emeryville 8, Cal.
Better Packages, Inc., 255 Canal St., Shelton, Conn.
Bigelow-Sanford Carpet Co., 136 Madison Ave., New York 16, N. Y.
Bildwell Manufacturers, 315 E. Liberty St., Ann Arbor, Mich.
Billingsly Machinery Co., 4316-4404 Main St., Dallas, Texas
Binberg & Co., Inc., Ben, 373 Broadway, New York 13, N. Y.
Binks Mfg. Co., 3114 Carroll Ave., Chicago 12, Ill.
Bishop Co., Barry, 103 E. 125th St., N. Y. 35, N. Y.
Bishop Co., G. H., 618 S. Kolmar Ave., Chicago 24, Ill.
Bixbee Research, Inc., 56 S. 11th St., Brooklyn, N. Y.
Black Hills Chemical Co., 924 Philadelphia St., P. O. Box 1407, Rapid City, S. D.
Blackmer Pump Co., 1809 Century Ave., S. W., Grand Rapids 9, Mich.
Bock Laundry Machine Co., Toledo Factories Bldg., Toledo 2, Ohio
Bock Time Signal & Control, Waynesboro, Pa.
Bocon Chemical Corp., 18 W. 37th St., New York 18, N. Y.
Bond Street Bag & Paper Corp., 90 First St., Brooklyn 31, N. Y.
Bonis Bros. Fur Machinery Corp., 312 Seventh Ave., New York 1, N. Y.
Bostitch, Inc., Westerly, R. I.
Boston Clip & Tag Co., 178 Atlantic Ave., Boston 10, Mass.
Bostwick-Batterson Co., 315-23 N. 12th St., Philadelphia 7, Pa.
Bostwick Laboratories, 706 Bostwick Ave., Bridgeport 5, Conn.
Bowser, Inc., 1312 E. Creighton Ave., Fort Wayne 6, Ind.
Brabook, A. N., 424 Madison Ave., New York 17, N. Y.
Brady Conveyors Corp., The, 20 W. Jackson Blvd., Chicago 4, Ill.
Bready Engineering Corp., 5003 N. Cumberland Blvd., Milwaukee 11, Wisc.
Breaew Co., Platteville, Wisc.
Bressler Engineering Service, 509 N. Fourth Ave., Oregon 1, Ill.
Breuer Electric Mfg. Co., 5100 N. Ravenswood Ave., Chicago 40, Ill.
Bridgeport Brass Co., 30 Grand St., Bridgeport 2, Conn.
Brillo Mfg. Co., Inc., 60 John St., Brooklyn 1, N. Y.
Bristol Co., The, Waterbury 91, Conn.
Bronx Pressing Machine Co., 3623 Third Ave., New York 56, N. Y.
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co., Wayne & Roberts Aves., Philadelphia 44, Pa.
Brownell Co., The, 450 N. Findlay St., Dayton 1, Ohio
Brumber & Zinniel, 6211 N. Bay Ridge Ave., Milwaukee, Wisc.
Brunner Mfg. Co., 1821 Broad St., Utica 1, N. Y.
Brunt Mfg. Co., 64 S. Division St., Buffalo 3, N. Y.
Bryan Steam Corp., State Road 19, Peru, Ind.
Buda Co., 154th & Commercial Aves., Harvey Ill.
Buffalo Meter Co., 2917 Main St., Buffalo 14, N. Y.
Bunn Co., B. H., 7605 Vincennes Ave., Chicago 20, Ill.
Burcott Mills, 616 W. Fulton St., Chicago 6, Ill.
Burd Mfg. Co., 1897 Columbus Ave., Springfield, Mass.
Burgess-Berliner Associates, 214 S. First St., St. Charles, Ill.
Burroughs Adding Machine Co., Detroit 32, Mich.
Bussard & Son, R. D., 505 E. Fifth Ave., Albany, Ore.
Butler Engineering Co., 926 Magazine St., New Orleans, La.
Butler Mfg. Co., 7452 E. 13th St., Kansas City 3, Mo.

C

C & H Electric Co., 436 W. Juneau Ave., Milwaukee 3, Wisc.
C. O. D. Cleaning & Dyeing Co., 1430 Harrison St., Davenport, Iowa
Caldwell Co., W. E., 2050 Brook St., Louisville, Ky.
Caled Products Co., Inc., 4200 Bladensburg Blvd., Brentwood, Md.
Calgon, Inc., Hagan Bldg., 323 Fourth Ave., Pittsburgh 30, Pa.
California Laundry Equipment Co., 2221 Union St., Oakland 7, Cal.
Callaway Mills, Inc., 295 Fifth Ave., New York 16, N. Y.
Cambridge Instrument Co., Inc., 3192 Grand Central Terminal, New York, N. Y.
Campbell Box & Tag Co., Main & Starch Sts., South Bend, Ind.
Campbell Co., J. A., 645 E. Wardlow Rd., Long Beach 7, Cal.
Canton Stoker Corp., 1600 Andrew Pl., S.W., Canton 1, Ohio
Canvas Specialty Co., P. O. Box 937, Hartford 1, Conn.
Capital Foster Service, 307 Canal St., New York, 13, N. Y.
Carbide & Carbon Chemicals Corp., Unit of Union Carbon & Carbide Corp., 30 E. 42nd St., New York 17, N. Y.
Carey Mfg. Co., The Philip, Cincinnati 15, Ohio
Carey Salt Co., The, Carey Bldg., Hutchinson, Kans.
Carll Sons, Chas. W., Cole St. & Reading R. R., Trenton 8, N. J.
Carlton Chemical Co., Inc., 33 Commerce St., New York 14, N. Y.
Carman & Co., Inc., 629 W. 27th St., New York 1, N. Y.
Carnegie-Illinois Steel Corp., Carnegie Building, Pittsburgh 30, Pa.
Carrier Corp., Syracuse, N. Y.
Carson Textile Co., 1 Porter St., Philadelphia, Pa.
Carter's Ink Co., 239 First St., Cambridge 42, Mass.
Carver Pump Co., Hershey & Green Sts., Muscatine, Iowa
Cash Co., A. W., 530 N. 18th St., Decatur, Ill.
Cash, Inc., J. & J., Chestnut St., South Norwalk, Conn.
Caterpillar Tractor Co., 350 Fifth Ave., New York, N. Y.
Cauthen & Slocum, Inc., 1218 N. Capitol St., Washington 2, D. C.
Central Brass Mfg. Co., The, 2950 E. 55th St., Cleveland 4, Ohio
Central Dyeing Co., 1550 Dickson Ave., Scranton 9, Pa.
Century Electric Co., 1806 Pine St., St. Louis 3, Mo.
Certified Equipment Co., 1472 E. 25th St., Cleveland 14, Ohio
Chace Co., W. M., 1606 Beard Ave., Detroit 9, Mich.
Challenge Marking Tag Co., 3917-21 W. Jefferson Blvd., Los Angeles 16, Cal.
Chambers Extractor Co., 201 Embarcadero, San Francisco 11, Cal.
Chandler Machine Co., West St., Ayer, Mass.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
Charlotte Leather Belting Co., 314-B E. Sixth St., Charlotte 1, N. C.
Chase Brass & Copper Co., 236 Grand St., Waterbury 91, Conn.
Chatillon & Sons, John, 85 Cliff St., New York 7, N. Y.
Chelsea Fan & Blower Co., 1206 Grove St., Irvington 11, N. J.
Chevlin Co., Inc., Samuel, 2721 N. Halsted St., Chicago 4, Ill.
Chevrolet Motor Div., General Motors Corp., General Motors Bldg., Detroit 2, Mich.
Chicago Automatic Stoker Co., 14 N. Clinton St., Chicago 6, Ill.
Chicago Dryer Co., 2212 N. Pulaski Rd., Chicago 39, Ill.
Chicago Metal Hose Corp., 1315 S. Third Ave., Maywood, Ill.
Chicago Pearl Button Co., 216 W. Jackson Blvd., Chicago 6, Ill.
Chicago Pump Co., 2300 Wolfram St., Chicago 18, Ill.
Chicago Used & New Laundry Equipment Co., 3128 W. Lake St., Chicago, Ill.
Chief Mfg. Co., Inc., 806 Beecher St., Indianapolis 7, Ind.
Chrisman Co., Inc., E. L., 8255 S. Compton Ave., Los Angeles 1, Cal.
Chrysler Corp., The Airtemp Div., 1119 Leo St., Dayton, Ohio
Chrysler Corp., Amplex Div., 6501 Harper Ave., Detroit 31, Mich.
Cidex Corp., 85 Franklin St., Jersey City 7, N. J.
Cissell Mfg. Co., Inc., W. M., P. O. Box 1143, 811 S. First St., Louisville 3, Ky.
Cizek, Sidney A., 12-21 30th Ave., Long Island City 2, N. Y.
Clarage Fan Co., North & Porter Sts., Kalamazoo 16, Mich.
Clark Mfg. Co., 1830 E. 38th St., Cleveland 14, Ohio
Clayton Mfg. Co., P. O. Box 550, El Monte, Cal.
Cleaners & Dyers Fur Service, 162 W. 24th St., New York 11, N. Y.
Cleaners Hanger Co., 6517 Grand River Ave., Detroit 8, Mich.
Cleaners Sales & Equipment Corp., 201 Washington St., New York 7, N. Y.
Cleaver-Brooks Co., 558 E. Keefe Ave., Milwaukee 12, Wisc.
Cleveland Garment Hanger Co., 8205 Madison Ave., Cleveland 2, Ohio
Cleveland Rug Cleaning Machinery Co., The, 5618 Hamlet Ave., Cleveland 4, Ohio
Clinton Foods Inc., Clinton, Iowa
Clinton Products Co., Clinton, Mich.
Clipper Belt Lacer Co., 974 Front Ave., N.W., Grand Rapids 2, Mich.
Clopay Corp., Clopay Sq., Cincinnati 14, Ohio
Clorox Chemical Co., 850 42nd Ave., Oakland 1, Cal.
Coates Electric Mfg. Co., 3810 First Ave., Seattle 4, Wash.
Cochrane Corp., 3101 N. 17th St., Philadelphia 32, Pa.
Coe Mfg. Co., The, Bank St., Painesville, Ohio
Cohen & Son, Abe, 1721 Ft. Myer Dr., Arlington, Va.
Colgate-Palmolive-Peet Co., 105 Hudson St., Jersey City 2, N. J.
Collar Smooth Sales Co., 232 Madison Ave., New York 16, N. Y.
Colonial Rubber Co., Ravenna, Ohio
Colorado Tent & Awning Co., 1642 Lawrence St., Denver 2, Colo.
Colson Corp., Cedar St., Elyria, Ohio
Columbia Appliance Corp., 5-16 43rd Ave., Long Island City 1, N. Y.
Columbia Boiler Co., Old Reading Pike, Pottstown, Pa.
Columbia Laundry Machinery Co., 1313-1319 E. 15th St., Kansas City 6, Mo.
Columbia Sewing Machine Corp., 129-131 W. 22nd St., New York 3, N. Y.
Combustion Control Corp., 77 Broadway, Cambridge 42, Mass.
Combustion Engineering Co., Inc., 200 Madison Ave., New York, N. Y.
Comer Co., 308 Ivy St., N. E., Atlanta 1, Ga.
Commercial Dye Works, 14 Roswell St., Roxbury 19, Mass.
Commercial Investment Trust, Inc., 1 Park Ave., New York 16, N. Y.
Commercial Tag Co., 187 Vanderbilt Ave., Brooklyn 5, N. Y.
Conco Engineering Works, Div. of H. D. Conkey & Co., 1900 Orange St., Mendota, Ill.
Concord Chemical Co., Morristown, N. J.
Conodize Sales Co., 911 Mahoning Bank Bldg., Youngstown, Ohio
Continental Car-Na-Var Corp., Box 344, Brazil, Ind.
Cook Machinery Sales Co., 1831 Clarence, Dallas 4, Texas
Cook's Sons, Inc., Adam, 5 N. Stiles St., Linden, N. J.
Coolidge Co., John E., 1722 W. Santa Barbara Blvd., Los Angeles 37, Cal.
Cooper-Bessemer Corp., The, Mt. Vernon, Ohio
Cooper Co., H. P., 308-10 S. Green St., Chicago 7, Ill.
Cooper & Co., Inc., T. G., Cedar & Venango Sts., Philadelphia 6, Pa.
Cornell Belting Co., 440 N. Wells St., Chicago 10, Ill.
C-O-Two, U. S. Highway No. 1, Newark 1, N. J.
Cowles Chemical Co., 7016 Euclid Ave., Cleveland 3, Ohio
Cramer & Co., Inc., The R. W., Centerbrook, Conn.
Crane Co., 836 S. Michigan Ave., Chicago 5, Ill.
Cravenette Co., 729 Madison St., Hoboken, N. J.
Crescent Belt Fastener Co., 247 Park Ave., New York 17, N. Y.
Crescent Chemical Div., Hood Chemical Co., Inc., 1937 S. Broad St., Philadelphia 48, Pa.
Crewdson Co., 360 E. Grand Ave., Chicago 11, Ill.
Crocker-Wheeler Electric Mfg. Co., Div. of Joshua Hendy Iron Works, Ampere, N. J.
Crosby Steam Gage & Valve Co., 10 Roland St., Boston 29, Mass.
Crossland Mfg. Co., Inc., 2294 Albion St., Toledo 6, Ohio
Crown Mfg. Co., 1025 N. Sixth St., St. Louis 1, Mo.
Crystalite Co., Inc., 283 McKinley Ave., East Orange, N. J.
Culligan Zeolite Co., 1810 Shermer Ave., Northbrook, Ill.
Cummings-Landau Laundry Machinery Co., Inc., 305 Ten Eyck St., Brooklyn 6, N. Y.
Cuno Engineering Corp., The, 80 S. Vine St., Meriden, Conn.
Curry Co., J. W., 2615 Cummins St., Cincinnati 25, Ohio
Custom Engineering Co., 3138 W. Slauson Ave., Los Angeles 43, Cal.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wisc.
Cyclotherm Corp., 157 E. First St., Oswego, N. Y.

D

Dahlberg Machinery Co., 918-26 E. Superior St., Duluth, Minn.
Daniels, Inc., C. B., Daniels, Md.
Darco Corp., 60 E. 42nd St., New York 17, N. Y.
Darnell Corp. Ltd., 3517 E. 11th St., Long Beach 4, Cal.
Davies-Young Soap Co., The, 400 N. Findlay St., Dayton 1, Ohio
Davis Emergency Equipment Co., Inc., 45 Halleck St., Newark 4, N. J.
Davis Engineering Corp., 1064 E. Grand St., Elizabeth 4, N. J.
Davis Mfg. Corp., K. H., 2415 E. 23rd St., Los Angeles 11, Cal.
Davis Regulator Co., 2663 W. 25th Pl., Chicago 8, Ill.
Davis Specialties, 618 S. Kolmar Ave., Chicago 24, Ill.
Davis-Weil Mfg. Co., Inc., 931 S. Front St., Memphis 3, Tenn.
Dean Hill Pump Co., 4000 E. 16th St., Indianapolis 7, Ind.

DeBothezat Fans Div., American Machine & Metals, Inc., East Moline, Ill.
Decatur Pump Co., 2750 Nelson Pk. Rd., Decatur 70, Ill.
Dee Paper Co., 821 N. 13th St., Philadelphia, Pa.
Deep Rock Oil Corp., 155 N. Clark St., Chicago 90, Ill.
Defender Instrument & Regulator Co., 815 Clark Ave., St. Louis 2, Mo.
Dejur Electric Works, 124 Bleecker St., New York 12, N. Y.
Delan Co., The, 421 E. Fourth South St., Salt Lake City 2, Utah
De Laval Steam Turbine Co., 853 Nottingham Way, Trenton 2, N. J.
Delray Industries, Inc., 1904 Freeman Ave., Cincinnati 14, Ohio
Deming Co., The, Salem, Ohio
D'Este Div., American Chain & Cable Co., Inc., Tulpehocken St., Reading, Pa.
Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y.
Detex Watchclock Corp., 76 Varick St., New York 13, N. Y.
Detrex Corp., 14331 Woodrow Wilson Ave., Detroit 32, Mich.
Detroit Belt Lacer Co., 3951 A St., Detroit 16, Mich.
Detroit Stoker Co., General Motors Bldg., Detroit, Mich.
Dettelbach Co., 5045 Peachtree Rd., N. E., Atlanta 5, Ga.
Devere Co., 2000-2012 Clark St., Racine, Wisc.
DeVilbiss Co., The, 300 Phillips Ave., Toledo 1, Ohio
Devoe & Raynolds Co., Inc., 44th St. & First Ave., New York, N. Y.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
Diamond Chain Co., Inc., 402 Kentucky Ave., Dept. 442, Indianapolis 7, Ind.
Diamond Metal Products Co., 406 Market St., St. Louis 2, Mo.
Diamond T Motor Co., 4401 W. 26th St., Chicago 23, Ill.
Dicalite Div., Great Lakes Carbon Corp., 18 E. 48th St., New York 17, N. Y.
Diehl Mfg. Co., Electrical Div. of The Singer Mfg. Co., 1136 Finderne Ave., Somerville, N. J.
Diem & Wing Paper Co., The, Gilbert Ave. Viaduct, Cincinnati 2, Ohio
Divco Corp., 22000 Hoover Rd., Detroit 5, Mich.
Dixo Co., 225 River Rd., Garfield, N. J.
Dixon Boiler Works, 1625 Naud St., Los Angeles, Cal.
Doctor Boiler, Inc., 4316 Main St., Dallas, Texas
Dodge Div., Chrysler Corp., 7900 Jos. Campeau Ave., Detroit, Mich.
Donnell Co., The, P. O. Box 84, St. Joseph, Mich.
Doran Bros., Inc., 30 Shelter Rock Rd., Danbury, Conn.
Dover Stamping Co., 80 Federal St., Boston 10, Mass.
Dow Chemical Co., The, Midland, Mich.
Dravo Corp., 300 Penn Ave., Pittsburgh 22, Pa.
Dresser Mfg. Div., Dresser Industries, Inc., 41 Fisher Ave., Bradford, Pa.
Drew & Co., Inc., E. F., 15 E. 26th St., New York 10, N. Y.
Drico Industrial Corp., 29 Broadway, New York 6, N. Y.
Driseal Co., 251 Causeway St., Boston 14, Mass.
Dryco Corp., 4425 James St., Syracuse 6, N. Y.
Dunaway Co., H. D., 514 E. Ontario Ave., S. W., Atlanta, Ga.
Du Pont de Nemours & Co., Inc., E. I., Wilmington 98, Del.
Durable Fibre Case Co., 17-19 W. Third St., New York 12, N. Y.
Duralaun Corp., 23 E. 26th St., New York 10, N. Y.
Dutton Co., C. H., 607 Gibson St., Kalamazoo 6, Mich.
Dwyer Mfg. Co., F. W., 317 S. Western Ave., Chicago, Ill.
Dye-A-Spot Co., 6446 Broadway, Sacramento, Cal.

E

Eagle Belting & Leather Co., 1401 Central Parkway, Cincinnati 14, Ohio
Eastern Cyclone Conveyor System, Inc., 870 Van Houten Ave., Clifton, N. J.
Eaton Chemical and Dyestuff Co., 1490 Franklin St., Detroit 7, Mich.
Ebco Mfg. Co., 401 W. Town St., Columbus, Ohio
Eckert-Richmond Co., 206-08 W. 29th St., New York 1, N. Y.
Eclipse Fuel Engineering Co., 801 S. Main St., Rockford, Ill.
Eclipse Pioneer Div., Bendix Aviation Corp., Teterboro, N. J.
Economy Specialty Co., 446 Second St., Jersey City 2, N. J.
Econo-Pak Register Co., 1337 E. 27th St., Kansas City 8, Mo.
Edwards, Vincent, 342 Madison Ave., New York 17, N. Y.
Edward Valves, Inc., Subsidiary Rockwell Mfg. Co., 1200 W. 145th St., East Chicago, Ind.
Egan Cotton Mills, 866 Murphy Ave., S.W., Atlanta 4, Ga.
Egry Register Co., The, 429 E. Monument Ave., Dayton 2, Ohio
Electric Auto-Lite Co., Champlain St., Toledo, Ohio
Electric City Dyeing Co., 509 Glenn St., Scranton, Pa.
Electric Storage Battery Co., The, Allegheny Ave. & 19th St., Philadelphia 32, Pa.
Electromatic Engineering Co., 653 S. Second St., Louisville 2, Ky.
Electro Lift, Inc., 30 Church St., New York 7, N. Y.
Elgin Softener Corp., 150 N. Grove Ave., Elgin, Ill.
Elliott Co., Jeannette, Pa.
Ellis Drier Co., The, 2444 N. Crawford Ave., Chicago 39, Ill.
Emery Industries, Inc., 4300 Carew Tower, Cincinnati 2, Ohio
Empire Cleaning & Dyeing Works, 622 Hollenbeck St., Rochester 5, N. Y.
Equitable Paper Bag Co., Inc., 47-02 31st Pl., Long Island City 1, N. Y.
Erie City Iron Works, 1550 East Ave., Erie, Pa.
Erie Enameling Co., The, 1920 Woodrow St., Erie, Pa.
Ernest Mfg. Co., F. P., 1112 St. Clair Ave., East St. Louis, Ill.
Eureka Button Co., 892 Broadway, New York 3, N. Y.
Everlasting Valve Co., 49 Fisk St., Jersey City 5, N. J.
Ewing & Sons, Inc., R., Green Island, N. Y.
Excelsior Machinery Co., 1454 Randolph St., Detroit 26, Mich.

F

Fabric Laundry & Dry Cleaning Machinery Corp., 192 Banker St., Brooklyn 22, N. Y.
Fabricon Co., 8342 S. Prairie Ave., Chicago 19, Ill.
Fafnir Bearing Co., The, New Britain, Conn.
Fairbanks Co., The, 393 Lafayette St., New York 3, N. Y.
Fairbanks Morse & Co., Fairbanks Morse Bldg., 600 S. Michigan Ave., Chicago 5, Ill.
Fairfield Laboratories, Plainfield, N. J.
Fastik Co., 1106 W. Erie St., Chicago 22, Ill.
Federal Motor Truck Co., 5780 Federal Ave., Detroit, Mich.
Fenton Label Co., 506-512 Race St., Philadelphia 6, Pa.
Filtrol Corp., 634 S. Spring St., Los Angeles 14, Cal.
Fisher Dye Works, 1813 Emanuel St., Houston, Texas
Fiske Brother Refining Co., Lubriplate Div., 129 Lockwood St., Newark 5, N. J.
Flash-Fast Div. of Louis Marks, Inc., 78 N. Summit St., Akron, Ohio
Fleischer Mills, Inc., The, 316 E. Fifth St., Cincinnati 12, Ohio
Fletcher Works, 213 Glenwood Ave., Philadelphia 40, Pa.
Flexible Steel Lacing Co., 4607 Lexington St., Chicago 44, Ill.
Flynn & Emrich Co., 301 Holliday St., Baltimore 2, Md.
Ford Motor Co., Dearborn, Mich.
Ford Tank Maintenance Co., Inc., 715 E. 136th St., New York 54, N. Y.
Forse Corp., Anderson, Ind.
Foster-Stephens, Inc., 310 S. Christiana Ave., Chicago 24, Ill.
Foxboro Co., The, 38 Neponset Ave., Foxboro, Mass.
Frager-Sparks Co., 10 N. E. Third Ave., Miami, Fla.
Franklin Mfg. Co., 2615 E. Franklin Ave., Minneapolis 6, Minn.
Franklin Research Co., 5134 Lancaster Ave., Philadelphia 31, Pa.
Franklin Textile Mills, 120 Franklin St., Franklin Park, Mass.
Fre-Bir-Pac, Inc., 876 Van Houten Ave., Clifton, N. J.
Fremont Rubber Co., 317 McPherson Highway, Fremont, Ohio
French Textile Co., 432 Ave. A., Rochester, N. Y.
Freydberg Bros.-Strauss, Inc., 419 Fourth Ave., New York 16, N. Y.
Frigidaire Div., General Motors Corp., 300 Taylor St., Dayton 1, Ohio
Fry Brothers Co., The, 1728-46 Dana Ave., Cincinnati 7, Ohio
Frye & Son, E. B., Wilton, N. H.
Fullo Corp., 2358 N. Seeley Ave., Chicago 47, Ill.
Fumol Corp., 4965 Van Dam St., Long Island City 1, N. Y.
Furtex Rejuvenating Corp., 50 Crary Ave., Mt. Vernon, N. Y.

G

G. & G. Chemical Co., P. O. Box 169, Hopewell, Va.
Gardner-Denver Co., Gardner Dr., Quincy, Ill.
Gardner Machinery Corp., N. Andrill Terrace & Seaboard R. R., Charlotte 1, N. C.
Garland Sales Co., Box 557, Garland, Texas
Garment Finishing Equipment Corp., 18 Brattle St., Cambridge, Mass.
Garment Hanger Co., 2624 Geraldine St., Los Angeles 11, Cal.
Gasway Corp., 6463 N. Ravenswood Ave., Chicago 26, Ill.
Gates Rubber Co., 999 S. Broadway, Denver 17, Colo.
Geller & Son, I., 990 Myrtle Ave., Brooklyn 6, N. Y.
General Aniline & Film Corp., Special Products Sales Div., 444 Madison Ave., New York 22, N. Y.
General Boiler Equipment Corp., 2651-53 Gravois St., St. Louis 18, Mo.
General Cleaners Products Co., 410 N. Kedzie Ave., Chicago 12, Ill.
General Detroit Corp., The, 2272 E. Jefferson St., Detroit 7, Mich.
General Dyeing Co., 818 Dorman St., Indianapolis 2, Ind.
General Dyestuff Corp., 435 Hudson St., New York 14, N. Y.
General Electric Co., 1 River Rd., Schenectady 5, N. Y.
General Electric Co., Air Conditioning Dept., 5 Lawrence St., Bloomfield, N. J.
General Electric Co., Lamp Dept., Nela Park, Cleveland, Ohio
General Luminescent Corp., 732 S. Federal St., Chicago 5, Ill.
General Machine Supply Co., 933 Market St., Camden, N. J.
General Motors Corp., General Motors Bldg., Detroit 2, Mich.
General Pacific Corp., 1501 E. Washington Blvd., Los Angeles 21, Cal.
General Reduction Co., 330 S. Dearborn St., Chicago 4, Ill.
Germaclean, Inc., 431 Niagara St., Buffalo 1, N. Y.
Getzloff Laundry Machinery Co., Inc., Burr Oak, Mich.
Gifford Mfg. Co., H. M., 2750 B St., Philadelphia 34, Pa.
Gilbert & Barker Mfg. Co., Cold Springs Ave., West Springfield, Mass.
Gilmer Co., L. H., Div. of U. S. Rubber Co., Tacony, Philadelphia 35, Pa.
Glen Zip Co., 216 N. Clinton St., Chicago 6, Ill.
Glidden Co., The, 11001 Madison Ave., Cleveland 2, Ohio
Gliss'n Products Co., Inc., 1811 Indiana Ave., Chicago 16, Ill.
Globe Weaving Co., 17 N. State St., Chicago, Ill.
Glover, Inc., Bill, 5204 Truman Rd., Kansas City 1, Mo.
GMC Truck & Coach Div., General Motors Corp., 660 South Blvd. E., Pontiac 11, Mich.
Golden-Anderson Valve Specialty Co., Keenan Bldg., Pittsburgh 22, Pa.
Goldman Pressing Machine Corp., 67 E. Eighth St., New York 3, N. Y.
Goodman & Co., A., 6211 Cottage Grove Ave., Chicago 37, Ill.
Goodrich Co., B. F., 500 S. Main St., Akron 18, Ohio
Goodyear Tire & Rubber Co., Inc., Akron, Ohio
Gorton Heating Corp., Cranford, N. J.
Goulds Pumps, Inc., 500 Fall St., Seneca Falls, N. Y.
Graham Quality Dyers, 608 S. Tripp Ave., Chicago 24, Ill.
Graton & Knight Co., 371 Franklin St., Worcester 4, Mass.
Grauer Research & Mfg. Co., 101 Bond St., Brooklyn 2, N. Y.
Graver Tank & Mfg. Co., Inc., 4809 Tod Ave., East Chicago, Ind.
Greaves Machine Tool Co., 2001-17 Eastern Ave., Cincinnati 2, Ohio
Green Fire Brick Co., A. P., Mexico, Mo.
Greenville Chemical Co., W. Washington St., Greenville, S. C.
Greif Bros. Cooperage Corp., Wire Garment Hanger Div., 2000 W. 25th St., Cleveland 13, Ohio
Grimes Co., The, 2900 Main St., Dallas 1, Texas
Gronauer Co., M. H., 11 Nettleton, Memphis 2, Tenn.
Gross Machinery Co., Inc., 179-191 Halbert St., Buffalo 14, Ill.
Gulf Oil Corp.-Gulf Refining Co., 3800 Gulf Bldg., Pittsburgh 30, Pa.
Gummed Tape & Devices Co., 1318-20 60th St., Brooklyn 19, N. Y.
Gustin-Kramer Co., 74-80 Cummington St., Boston 15, Mass.
Guth Co., Edwin F., 2615 Washington Ave., St. Louis 3, Mo.

H

Hachik Bleach Co., Wynnfield Ave., Philadelphia 31, Pa.
Haertel Co., Walter, 2840 Fourth Ave., S., Minneapolis 8, Minn.
Hagan Corp., 323 Fourth Ave., Pittsburgh 22, Pa.
Hager Brothers, 321 N. Water St., Rockford, Ill.
Hall & Sons, Amos H., 5500 N. Water St., Philadelphia 20, Pa.
Hamilton Caster & Mfg. Co., The, 1637-43 Dixie Highway, Hamilton, Ohio

Hamilton Copper & Brass Works, Inc., Dixie Highway & Lincoln Ave., Hamilton, Ohio
Hammel-Dahl Co., 247 Richmond St., Providence 3, R. I.
Hammond Laundry-Cleaning Machinery Co., Hammond Bldg., Waco, Texas
Handy Specialties, 9159 W. Pico Blvd., Los Angeles 35, Cal.
Hardin Co., Inc., The J. L., 1263 Atlantic Ave., Brooklyn 16, N. Y.
Haring & Stephens Co., 635 McBride Ave., Paterson, N. J.
Harmon Products Corp., S. Washington St., Plainville, Conn.
Harrison, Inc., Robert D., 566 E. Warren Ave., Detroit 2, Mich.
Hatters Supply House, Inc., The, 404 S. Wells St., Chicago 7, Ill.
Hauser-Stander Tank Co., The, 4858 Spring Grove Ave., Cincinnati 32, Ohio
Hawkeye Revolving Ironer Co., 1002 Bankers Trust Bldg., Des Moines, Iowa
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp., 30 E. 42nd St., New York 17, N. Y.
Hays Corp., The, 742 E. Eighth St., Michigan City, Ind.
Healy-Ruff Co., 2255 University Ave., St. Paul 4, Minn.
Heinemann Electric Co., Pennsylvania Ave. & Plum St., Trenton 2, N. J.
Heller & Co., B., 3925 Calumet Ave., Chicago 15, Ill.
Hellige, Inc., 37-18 Northern Blvd., Long Island City 1, N. Y.
Henderson Co., Hugh H., 3204 Folk Ave., Houston, Texas
Henrici Laundry Machinery Co., 11 Henrici St., Mattapan P. O., Boston 26, Mass.
Henry Hanger Co. of America, 450 Seventh Ave., New York 1, N. Y.
Hercules Filter Corp., 204 21st Ave., Paterson 3, N. J.
Hercules Laundry Machinery Co., Inc., 132-36 W. 124th St., New York 27, N. Y.
Hercules Powder Co., Delaware Trust Bldg., Wilmington 99, Del.
Herman Body Co., 4400 Clayton Ave., St. Louis 10, Mo.
Hettrick Mfg. Co., The, 1401 Summit St., Toledo 1, Ohio
Hild Floor Machine Co., 740 W. Washington Blvd., Chicago 6, Ill.
Hinz Needle Co., 10018 S. Rhodes Ave., Chicago 26, Ill.
Hirsch & Co., Leo H., 380 Second Ave., New York 10, N. Y.
Hodge, Farwell & Co., 129 N. Sacramento Blvd., Chicago 12, Ill.
Hollingsworth & Vose Co., 112 Washington St., East Walpole, Mass.
Holt Mfg. Co., 651-81 20th St., Oakland 12, Cal.
Hoof Products Co., 6543 S. Laramie Ave., Chicago 38, Ill.
Hooker Electro-Chemicals, Inc., Niagara Falls, N. Y.
Hooper & Sons, Wm. E., Woodberry, Baltimore, Md.
Hope Webbing Co., Providence 1, R. I.
Hopkins Equipment Co., 68 Maple Ave., Hatfield, Pa.
Horn Co., Inc., A. C., 43-36 Tenth St., Long Island City 1, N. Y.
Houghton & Co., E. F., 303 W. Lehigh Ave., Philadelphia 33, Pa.
House of Plastics, Div. of Neon Sign Co., Inc., N. 14th at Taylor, Herrin, Ill.
Howe Scale Co., Rutland, Vt.
Hubinger Co., The, 601 Main St., Keokuk, Iowa
Hub Printing Services, 320 N. Euclid Ave., Oak Park, Ill.
Huebsch Mfg. Co., 3775 N. Holton St., Milwaukee 1, Wisc.
Hummel & Downing Co., 1514 E. Thomas Ave., Milwaukee 1, Wisc.
Hungerford & Terry, Inc., 226 Atlantic Ave., Clayton, N. J.
Huntington Laboratories, Inc., 900-970 E. Tipton St., Huntington, Ind.
Huron Milling Co., The, 9 Park Pl., New York 7, N. Y.
Hydraulic Press & Engineering Co., 5543 Alba St., Los Angeles 11, Cal.
Hygrade Button & Supply Co., 19 W. 34th St., New York 1, N. Y.

I

Ideal Industries, Inc., Sycamore, Ill.
Ideal Stencil Machine Co., 102 Iowa Ave., Belleville, Ill.
Ilg Electric Ventilating Co., 2850 N. Crawford Ave., Chicago 41, Ill.
Imperial Dye House, 3421 Tulane Ave., New Orleans 19, La.
Imperial Laundry Machinery Co., 245 Huron St., Brooklyn 22, N. Y.
Indiana Dye House, 122-126 State St., Hammond, Ind.
Indiana Mfg. Co., 1900 E. Main St., New Albany, Ind.
Industrial Chemicals Div., Atlas Powder Co., Wilmington 22, Del.
Industrial Grain Products, Ltd., 741 Talbot St., London, Ontario, Canada
Industrial Laundry Machinery Co., Inc., Morgan Ave. cor. Stagg St., Brooklyn 6, N. Y.
Industrial Mfg. Co., 415 Carolina St., San Antonio 10, Texas
Industrial Products Co., 2839 N. Fourth St., Philadelphia 33, Pa.
Infilco, Inc., 325 W. 25th Pl., Chicago 16, Ill.
Ingersoll-Rand Co., 11 Broadway, New York 4, N. Y.
Ink-O Products Co., 5101 Monte Vista St., Los Angeles 42, Cal.
Innis, Speiden & Co., 117 Liberty St., New York 6, N. Y.
International Boiler Works Co., Birch St., East Stroudsburg, Pa.
International Harvester Co., 180 N. Michigan Ave., Chicago, Ill.
International Metal Polish Co., 1910 Quill St., Indianapolis 7, Ind.
International Nickel Co., Inc., The, 67 Wall St., New York 5, N. Y.
International Salt Co., Scranton 2, Pa.
International Steel Wool Corp., 2205 Park Rd., Springfield, Ohio
International Tag & Salesbook Co., 319 N. Whipple St., Chicago 12, Ill.
International Ticket Co., 50 Grafton Ave., Newark 4, N. J.
International Wire Hanger Mfg. Co., 3128 W. Lake St., Chicago 12, Ill.
Iowa Soap Co., 816 Valley St., Burlington, Iowa
Iron Fireman Mfg. Co., 3170 W. 106th St., Cleveland 11, Ohio

J

J & L Mfg. Co., 21 Castle Ave., Bridgeport 5, Conn.
Jacobson Dye Works, Inc., Lawrence, Oxford Ave., Summerdale and Comly Sts., Philadelphia 24, Pa.
Jarvis & Jarvis, Inc., S. Main St., Palmer, Mass.
Jasper Co., T. G., 1133 Broadway, New York 10, N. Y.
Jay-Dee, Inc., 946 Kenmore Blvd., Akron 14, Ohio
Jefferson Island Salt Co., Inc., Columbia Bldg., Louisville 8, Ky.
Jensen Mfg. Co., Broad St. & Hylton Rd., Palmyra, N. J.
Johns-Manville, 22 E. 40th St., New York 16, N. Y.
Johnson Chemical Industries, Inc., Davison Rd., Baltimore 26, Md.
Johnson Corp., The, 855 Wood St., Three Rivers, Mich.
Johnson Metal Hose, Inc., 226 Mill St., Waterbury 88, Conn.
Johnson & Son, Inc., S. C., Racine, Wisc.
Johnston Bros., Inc., 100 Pine St., Ferrysburg 1, Mich.
Johnston & Jennings Co., The, 877 Addison Rd., Cleveland 14, Ohio
Jones Co., C. Walker, 6135 N. Lambert, Philadelphia 38, Pa.

K

Kamen Soap Products Co., Inc., 233 Broadway, New York 7, N. Y.
Kaplan's Cleaners & Dyers Fur Service, 162 W. 24th St., New York 11, N. Y.
Kasco Co., 27-08 18th St., Long Island City, N. Y.
Kato Engineering Co., 122 Spruce St., Mankato, Minn.
Katz Bag Co., 6243 N. Western Ave., Chicago 45, Ill.
Kaye & MacDonald, Inc., 88-96 Franklin Ave., West Orange, N. J.
Keckley Co., O. C., 400 W. Madison St., Chicago 6, Ill.
Keeler Co., E., 238 West St., Williamsport 3, Pa.
Keever Starch Co., The, 538 E. Town St., Columbus 15, Ohio
Kelite Products, Inc., P. O. Box 2917, Terminal Annex Sta., Los Angeles 54, Cal.
Kelley Iron Works, 801 W. First St., Charlotte, N. C.
Kelmaker Mfg. Co., 311 Sixth Ave., Rochelle, Ill.
Kelvinator Div., Nash-Kelvinator Corp., 14250 Plymouth Rd., Detroit, Mich.
Kem Laboratories, 101 E. 144th St., Bronx 51, N. Y.
Kennedy Car Liner & Bag Co., Hodell & Prospect Sts., Shelbyville, Ind.
Kenney Softener & Filter Co., 3322-24 Montrose Ave., Chicago 45, Ill.
Kentucky Box & Truck Co., Fourth & Alvasia Sts. (P. O. Box 463), Henderson, Ky.
Kewanee Boiler Corp., Franklin St., Kewanee, Ill.
Keyes-Davis Co., The, 110 14th St., Battle Creek, Mich.
Keystone Aniline & Chemical Co., Inc., 321 N. Loomis St. (1400 W), Chicago 7, Ill.
Keystone Laundry Machinery Co., 411 N. Oswego St., Chicago 22, Ill.
Keystone Tag Co., West Chester, Pa.
Key-Tag Checking System Co., The, 6509 Hough Ave., Cleveland 3, Ohio
Kidde & Co., Inc., Walter, 675 Main St., Belleville 9, N. J.
Kimball Co., A., 307 W. Broadway, New York 13, N. Y.
Kimlord Co., The, 218 Lansdowne Ave., Wayne 1, Pa.
Kirk & Blum Mfg. Co., The, 2827 Spring Grove Ave., Cincinnati 25, Ohio
Kirk-Reed, Inc., 421 S. Winchester Ave., Chicago, Ill.
Kirk's Leather Cleaners, 7320 Melrose Ave., Los Angeles 46, Cal.
Kisco Boiler & Engineering Co., 3732-40 Chouteau Ave., St. Louis 10, Mo.
Kleenize, Inc., 1909 50th Pl., N., Birmingham 4, Ala.
Kletnick & Co., L., 8342 S. Prairie Ave., Chicago 19, Ill.
Kliptel Mfg. Co., 1000 Weller Ave., Hamilton, Ohio
Knight, Maurice A., Settlement, Akron 6, Ohio
Knitted Padding Co., 105 Chapman St., Canton, Mass.
Kohnstamm & Co., Inc., H., 83-93 Park Pl., New York 7, N. Y.
Kol Master Corp., First & Madison Sts., Oregon 1, Ill.
Kram-Mer Corp., 2433-35 N. Third St., Milwaukee 12, Wisc.
Kresky Mfg. Co., Inc., 307 Third St., Petaluma, Cal.
Krevit & Co., Inc., H., 11 Albert St., New Haven, Conn.
Kuehne Chemical Co., 878 Woodruff Lane, Elizabeth, N. J.
Kunkle Valve Co., 119 S. Clinton St., Fort Wayne 2, Ind.
Kwik Kover Sales Co., 410 N. Kedzie St., Chicago 12, Ill.

L

Laclede Stoker Co., 4438 Hunt, St. Louis 10, Mo.
Laidlaw Wire Co., W. A., Peoria, Ill.
Lally Co., R., 516 Kedzie St., Evanston, Ill.
Lambson Label & Wrapper Co., cor. Portage & Palmer Sts., Kalamazoo 29F, Mich.
Lamson Corp., 459 Lamson St., Syracuse 1, N. Y.
Lane & Brothers, Inc., W. T., Prospect St., Poughkeepsie, N. Y.
Lanning Bag & Specialty Co., 205 Front St., Harvard, Ill.
Larton Products Co., Inc., 4234 Third Ave., New York 57, N. Y.
Lattner Mfg. Co., P. M., 1411 Ninth St., S.W., Cedar Rapids, Iowa
Laundry Chemicals Co., The, 4538 W. 130th St., Cleveland 11, Ohio
Laundry Packaging Corp., 58-72 Sedgwick St., Brooklyn 2, N. Y.
Laurel Co., The, 129 Grand St., Garfield 2, N. J.
Layne & Bowler, Inc., Box 215, Hollywood Station, Memphis 8, Tenn.
Leavitt Machine Co., 10 E. River St., Orange, Mass.
Leebaw Mfg. Co., 2525 Market St., Youngstown, Ohio
Leet Brothers, Inc., 205 Irving Ave., N., Minneapolis 5, Minn.
Leffel & Co., James, The, 426 East St., Springfield 99, Ohio
Leonard Pressing Machine Co., 1808 English St., High Point, N. C.
Leslie Co., 297 Grant Ave., Lyndhurst, N. J.
Lewis Co., G. B., P. O. Box 377, Watertown, Wisc.
Lewis Invisible Stitch Machine Co., 129 W. 22nd St., New York, N. Y.
Lewis National Corp., 29 Sleeper St., Boston 10, Mass.
Lewis-Shepard Products, Inc., 307 Walnut St., Watertown 72, Mass.
Liberty Marking Tag Co., Inc., 27 Hooper St., Brooklyn 11, N. Y.
Lincoln Bag Co., Inc., 4200 W. Schubert Ave., (2700 N), Chicago 39, Ill.
Lincoln-Hudson Rug Dyers, Inc., 900 Passaic Ave., East Newark, N. J.
Lincoln Products Co., Inc., 85 Springdale Ave., Newark, N. J.
Lincoln-Schluetter Floor Machinery Co., Inc., 512 S. Peoria St., Chicago, Ill.
Link-Belt Co., 300 W. Pershing Rd., Chicago 9, Ill.
Linn Coach & Truck Div., Great American Industries, Inc., 443 Chestnut St., Oneonta, N. Y.
Lions Uniform Co., 209 S. Jefferson, Dayton 2, Ohio
Liquid Conditioning Corp., Allegheny Ave., Philadelphia 32, Pa.
Liquidometer Corp., 39-21 Skillman Ave., Long Island City 1, N. Y.
Little Frenchman's Dye Works, 921 N. 25th St., Waco, Texas
Little Giant Specialties, 1547 Venice Blvd., Los Angeles 31, Cal.
Loebl Dye Works, Inc., 346 W. Salem Ave., Roanoke, Va.
Lookout Boiler & Mfg. Co., Manufacturers Rd., Chattanooga 1, Tenn.
Loroco Industries, Inc., 205 E. Benson St., Reading 15, Ohio

Los Angeles Soap Co., 617 E. First St., Los Angeles, Cal.
Louden Machinery Co., The, 1402 Broadway, Fairfield, Iowa
Loyal Textile Machinery Corp., 288 Scholes St., Brooklyn, N. Y.
Lubbock Machine Co., Inc., N. Ave. H, Lubbock, Texas
Lucas Associates, Claude E., 880 E. Colorado, Pasadena, Cal.
Lunkenheimer Co., The, P. O. Box 360, Annex Station, Cincinnati 14, Ohio
Lynch Co., John P., 1166 Howard St., San Francisco, Cal.

Mc

McBee Co., 295 Madison Ave., New York, N. Y.
McDonnell & Miller, Inc., 400 N. Michigan Ave., Chicago 11, Ill.
McElmoyl Co., W. J., 63 Church St., Groveville, N. J.
McGrane Bros., 44 Court St., Brooklyn 2, N. Y.
McLay, Walter J., 1105 N. Water St., Milwaukee 2, Wisc.
McLeod & Henry Co., Inc., 351 First St., Troy, N. Y.

M

M. B. Mfg. Co., Inc., The, 1060 State St., New Haven, Conn.
M & B Metal Products Co., 4415 Morris Ave., Birmingham, Ala.
Maas Chemical Co., A. R., 4570 Ardine St., South Gate, Cal.
Macbeth Corp., 227 W. 17th St., New York 11, N. Y.
Mack Trucks, Inc., 350 Fifth Ave., New York 1, N. Y.
Madison Products Co., 1719 Canton Ave., Toledo 2, Ohio
Magic Re-Weaving Service, 28 W. Second St., Salt Lake City, Utah
Magic Textile Weavers, 948 W. McNichols Rd., Detroit 3, Mich.
Magnus Chemical Co., Inc., South Ave., Garwood, N. J.
Majestic Dye House, Inc., 3920 W. Armitage Ave., Chicago 47, Ill.
Malleable Iron Fittings Co., Branford, Conn.
Mallinckrodt Chemical Works, Second & Mallinckrodt Sts., St. Louis 7, Mo.
Manitowoc Cotton Goods Mfg. Co., 813 S. Eighth St., Manitowoc, Wisc.
Manitowoc Mfg. Div. of Manitowoc Shipbuilding Co., 512 16th St., Manitowoc, Wisc.
Marion Machine Foundry & Supply Corp., 90 West St., New York, N. Y.
Marion Mfg. Co., 473 Stevens, S. W., Atlanta 4, Ga.
Market Forge Co., 25 Garvey St., Everett 49, Mass.
Market Industries, Inc., 209 Utah St., San Francisco, Cal.
Mark-O Corp., 17 W. 60th St., New York 23, N. Y.
Mark-Tex Corp., 453 W. 17th St., New York 11, N. Y.
Marlow Pumps, Box 566, Ridgewood, N. J.
Mar-Mak Rug Machinery Mfg. Co., 626 N. Logan Ave., Danville, Ill.
Marmon-Herrington Co., Inc., 1511 W. Washington St., Indianapolis 7, Ind.
Mars Tool Co., 308 W. 37th St., Chicago 9, Ill.
Marsh Corp., Jas. P., 2073 Southport Ave., Chicago 14, Ill.
Marshall Heater Co., 716-26 E. Monument Ave., Dayton 2, Ohio
Martin Equipment Corp., 788 Hertel Ave., Buffalo 7, N. Y.
Martin Fan & Blower Co., 4634 W. 21st Pl., Chicago 50, Ill.
Marvel Mfg. Co., 113 Live Oak St., San Antonio 2, Texas
Marvel Marking Machine Co., 1433 Blake St., Denver, Colo.
Mason-Neilan Regulator Co., 1190 Adams St., Boston 24, Mass.
Master Products Co., 7000 S. Wentworth Ave., Chicago 21, Ill.
Mathieson Chemical Corp., Mathieson Bldg., Baltimore 3, Md.
Maxant Button & Supply Co., 117 S. Morgan St., Chicago 7, Ill.
Mead Co., George E., 11240 S. Arroyo Dr., Whittier, Cal.
Mears-Kane-Ofeldt, Inc., 1903-15 E. Hagert St., Philadelphia 25, Pa.
Mechanical Products Co., 1147 S. Second St., Plainfield, N. J.
Medalie Mfg. Co., 25 N. Second St., Minneapolis 1, Minn.
Meese, Inc., 108 St. Michaels Ave., Madison, Ind.
Mehl Mfg. Co., 2057 Reading Rd., Cincinnati 2, Ohio
Memphis Hanger Co., 14th & P. & L. E. R. R., Monaca, Pa.
Menasha Wood Split Pulley Co., 674 Tayco St., Menasha, Wisc.
Mendex Corp., 2300 Payne Ave., Cleveland 14, Ohio
Merchants Chemical Co., Inc., 60 E. 42nd St., New York 17, N. Y.
Mercury Cleaning Systems, Inc., 549 W. Washington Blvd., Chicago 6, Ill.
Merson Products Co., 63 Essex St., Jersey City, N. J.
Metalastic Mfg. Corp., 536 Broad St., Glen Rock, N. J.
Metropolitan Body Co., The, 151 Kossuth St., Bridgeport 8, Conn.
Mettler Co., Lee B., 406 S. Main St., Los Angeles 13, Cal.
Mexico Refractories Co., Love & Cole Sts., Mexico, Mo.
Meyercord Co., The, 5323 W. Lake St., Chicago 44, Ill.
Midland Color & Chemical Co., 15 Greene St., Jersey City 2, N. J.
Midland Paint & Varnish Co., The, 9123 Reno Ave., Cleveland 5, Ohio
Mid-West Laundry Machinery Manufacturers, 4325 W. Lincoln Ave., Milwaukee, Wisc.
Miller Co., A. O., 305 E. Third St., Los Angeles 13, Cal.
Miller Co., The, 99 Center, Meriden, Conn.
Miller Laundry Machinery Co., 8341 Lyndon Ave., Detroit 21, Mich.
Milwaukee Leather Belting Co., 531 N. Broadway, Milwaukee 2, Wisc.
Milwaukee Printed String Co., 2604 W. Fond du Lac Ave., Milwaukee 6, Wisc.
Mine Safety Appliances Co., Braddock, Thomas & Meade Sts., Pittsburgh 8, Pa.
Minnesota Chemical Co., The, 2285 Hampden Ave., St. Paul 4, Minn.
Mitchell Co., J. B., 4916-28 W. Jefferson Blvd., Los Angeles 18, Cal.
Modine Mfg. Co., Racine, Wisc.
Moeller Instrument Co., Inc., 132nd St. & 89th Ave., Richmond Hill 18, N. Y.
Mohawk Rubber Co., The, 1235 Second Ave., Akron 5, Ohio
Mohl, Hedda, Colorado Springs, Colo.
Moise Machinery Co., Ltd., 2903 McKinney St., Houston, Texas
Mona Sales Co., 255 S. Main St., West Bend, Wisc.
Monite Co., Inc., 4903 Delmar Blvd., St. Louis 8, Mo.
Montpelier Mfg. Co., Montpelier, Ohio
Moore Business Forms, Inc., 900 Buffalo Ave., Niagara Falls, N. Y.
Moore Co., The, 544 Westport Rd., Kansas City 2, Mo.
Moores Time Saving Equipment Co., 1935 S. Sterling Ave., Elkhart, Ind.
Morehead Mfg. Co., 2455 W. Warren Ave., Detroit 8, Mich.
Morheat Sales Co., 700 E. Kalamazoo St., Lansing 12, Mich.
Morse Mfg. Co., Inc., 122 Dickerson St., Syracuse 2, N. Y.
Mortenoth Chemical Laboratories, 3178 N. Fratney St., Milwaukee 12, Wisc.
Moser Bag & Paper Co., 3049 E. 55th St., Cleveland 4, Ohio
Multi-Clean Products, Inc., 2277 Ford Parkway, St. Paul 1, Minn.
Mund Boilers, Inc., 1600 N. Indiana St., Los Angeles 33, Cal.
Murphy Sales Co., Box 162, Station A, Atlanta 1, Ga.
Murray Mfg. Co., D. J., 1002-24 Third St., Wausau, Wisc.
Mutual Paper Box Co., Inc., The, 510 W. 27th St., New York 1, N. Y.
Myer Thread Mfg. Co., Henry, 319 W. Van Buren St., Chicago 7, Ill.

N

Nagel Coat Hanger Co., 1200-18 Oliver St., Houston 7, Texas
Nashua Gummed & Coated Paper Co., Surehold Div., Franklin St., Nashua, N. H.
Nashua Mfg. Co., 401 Fifth Ave., New York 16, N. Y.
Nashua Package Sealing Co., Inc., Nashua, N. H.
National Airoil Burner Co., Inc., 1267 E. Sedgley Ave., Philadelphia 34, Pa.
National Aluminate Corp., 6215 W. 66th St., Chicago 38, Ill.
National Aniline Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.
National Boiler Protector Co., Reibold Bldg., Dayton 2, Ohio
National Bundle Tyer Co., Blissfield, Mich.
National Cash Register Co., The, Main & K Sts., Dayton 9, Ohio
National Cleaners Chemical Mfg. Co., 2807-11 W. Lake St., Chicago 12, Ill.
National Dryer Mfg. Co., Route 4, Oconomowoc, Wisc.
National Dye House, 5812 W. Washington Blvd., Culver City, Cal.
National Dye Works, Inc., 3513 Washington Blvd., Baltimore 22, Md.
National Machinery Corp., 606 Prairie Ave., Houston 2, Texas
National Marking Machine Co., The, 4026 Cherry St., Cincinnati 23, Ohio
National Milling & Chemical Co., 4601 Nixon St., Philadelphia 27, Pa.
National Paper Band Co., P. O. Drawer 126, Denver, Colo.
National Repair Services, 615 E. Main St., Richmond 19, Va.
National Starch Products, Inc., 270 Madison Ave., New York 17, N. Y.
National Steam Pump Co., 701 W. Johnson, Upper Sandusky, Ohio
National Tag & Label Corp., 19 Bridge St., Watertown 42, Mass.
National Textile Conservation Div., Research Laboratories, Sherron Acres, Durham, N. C.
Neon Sign Co., Inc., House of Plastics Div., N. 14th at Taylor, Herrin, Ill.
Neva-Clog Products, Inc., 506 Logan St., Bridgeport 1, Conn.
New Departure, Div. General Motors Corp., Bristol, Conn.
Newhouse Co., 1125 E. Colorado Blvd., Glendale, Cal.
New York High Grade Button Works, 3569 Broadway, New York 31, N. Y.
New York Net Co., 2555 Webster Ave., New York 58, N. Y.
New York Pressing Machinery Corp., 880 Broadway, New York 3, N. Y.
New York Twine Corp., 43 W. 36th St., New York 18, N. Y.
Nice Ball Bearing Co., 30th St. & Hunting Park Ave., Philadelphia 40, Pa.
Nicholson & Co., W. H., 185 Oregon St., Wilkes-Barre 1, Pa.
Nicholson Laboratories, Wm. J., 13243 Hamilton Ave., Detroit 3, Mich.
No-Darn Co., 618 N. Wells St., Chicago 10, Ill.
Nopco Chemical Co., Inc., First & Essex Sts., Harrison, N. J.
North American Electric Lamp Co., 1014 Tyler St., St. Louis 6, Mo.
North Coast Chemical & Soap Works, 6307-21 17th Ave., S., Seattle 8, Wash.
Northeastern Soap & Chemical Co., Clinton St., Amesbury, Mass.
Northern Equipment Co., 1945 Grove Dr., Erie, Pa.
Norton & Williams, Inc., 608 North Ave., Westfield, N. J.
Nuodex Products Co., Inc., 830 Magnolia Ave., Elizabeth F, N. J.
Nu-Pro Mfg. Co., 2918 Washington Ave., St. Louis 3, Mo.
Nutting Truck & Caster Co., 1125 W. Division St., Fairbault, Minn.
Nycco Products Co., 110 W. 29th St., New York 1, N. Y.
Nylon Textile Products Co., Inc., 601 W. 26th St., New York 1, N. Y.

O

O. D. Chemical Corp., 38 Marbledale Rd., Tuckahoe, N. Y.
Oakite Products, Inc., 22B Thames St., New York 6, N. Y.
Ohio Centrifugals Co., 342 S. Monument Ave., Hamilton, Ohio
Ohio Injector Co., The, 105 Main St., Wadsworth, Ohio
Ohio Mechanics Institute, Central Parkway & Walnut St., Cincinnati 10, Ohio
Ohmer Register Co., 740 Bolander Ave., Dayton, Ohio
Oil-Rite Corp., 3434 S. 13th St., Milwaukee 7, Wisc.
Olson Corp., I. B. E., 2059 Coney Island Ave., Brooklyn 23, N. Y.
OlsenMark Corp., 124 White St., New York 13, N. Y.
Olson Filtration Engineers, Inc., 1624 N. Kilbourn Ave., Chicago 39, Ill.
Omaha Dye Works, 24th & Poppleton, Omaha, Nebr.
Ontario Iron Works, 32 Park St., Pulaski, N. Y.
Orr Felt & Blanket Co., Piqua, Ohio
Orr & Sembower, Inc., 830 Morgantown Rd., Reading, Pa.
Osborn Bros., 223 W. Jackson Blvd., Chicago 6, Ill.
Oshkosh Filter & Softener Co., 51 Ceape St., Oshkosh, Wisc.
Outside Venetian Blind Co., 2625 Elm St., Dallas 1, Texas
Owens-Corning Fiberglas Corp., Nicholas Bldg., Toledo 1, Ohio

P

Paasche Airbrush Co., 1909 W. Diversey Parkway, Chicago 14, Ill.
Pacific Car & Foundry Co., Renton, Wash.
Pacific Coat Hanger Mfg. Co., 6710 Avalon Blvd., Los Angeles 3, Cal.
Package Chemical Co., Inc., 218 W. First St., Boston 27, Mass.
Package Masters, 2525 S. Wabash Ave., Chicago 16, Ill.
Packless Metal Products Corp., 31 Winthrop Ave., New Rochelle, N. Y.

Paderait Corp., 480 W. Front St., Red Bank, N. J.
Paisley Products, Inc., 1770 Canalport Ave., Chicago 16, Ill.
Pantex Mfg. Corp., P. O. Box 660, Pawtucket, R. I.
Paper Chemicals, Inc., 510 W. 27th St., New York 1, N. Y.
Para-Lux Products Co., 4158 W. Schubert Ave., Chicago 39, Ill.
Parisian Novelty Co., 3510 S. Western Ave., Chicago 9, Ill.
Parker Boiler Mfg. Co., Inc., Sid E., 2055 E. 37th St., Los Angeles 11, Cal.
Patek & Co., 1900 16th St., San Francisco 1, Cal.
Patterson-Kelley Co., Inc., The, 104 Warren St., East Stroudsburg, Pa.
Patterson Laboratories, Inc., 1633 Bagley Ave., Detroit 16, Mich.
Paulin Products Co., 4444 Lawndale Ave., Lyons, Ill.
Payson Mfg. Co., The, 2916 W. Jackson Blvd., Chicago 12, Ill.
Peabody Engineering Corp., 580 Fifth Ave., New York, N. Y.
Peerless Pump, Div. Food Machinery Corp., 301 West Ave. 26, Los Angeles 31, Cal.
Pellerin Milnor Corp., 8000 Edinburgh St., New Orleans 18, La.
Penn Novelty Co., 228-30 N. 15th St., Philadelphia 2, Pa.
Pennington, C. W., Riverview Ave., Gillette, N. J.
Pennsylvania Rubber Co., Penn-Craft Park, Jeannette, Pa.
Pennsylvania Salt Mfg. Co., 1000 Widener Bldg., Philadelphia 7, Pa.
Perelmutter & Co., M., 4423-25 Broadway, Chicago 40, Ill.
Perfection Marking Machine Co., 441 Detroit St., Denver 6, Colo.
Perfection Products Co., 303 South Blvd., Oak Park, Ill.
Perfex Corp., 500 W. Oklahoma Ave., Milwaukee 7, Wisc.
Perm-Aseptic Corp., 432 Waverly Ave., Mamaroneck, N. Y.
Per-Mo Products Co., 3602 Woodland Ave., Kansas City 3, Mo.
Permutit Co., The, 330 W. 42nd St., New York 18, N. Y.
Perry Corp., E. J., Jefferson & Lawton Sts., Fall River, Mass.
Pest Control Equipment Co., 47 W. 43rd St., New York 18, N. Y.
Petroleum Heat & Power Co., Stamford, Conn.
Philadelphia Belting Co., Sixth & Spring Garden Sts., Philadelphia 23, Pa.
Philadelphia Quartz Co., Public Ledger Bldg., Sixth & Chestnut Sts., Philadelphia 6, Pa.
Philco Corp., Storage Battery Div., 467 Calhoun St., Trenton 7, N. J.
Phoenix Oil Co., The, 9505 Cassius Ave., Cleveland 5, Ohio.
Phoenix Products Co., 4715 N. 27th St., Milwaukee 9, Wisc.
Photoswitch, Inc., 77 Broadway, Cambridge 42, Mass.
Pick Mfg. Co., 255 S. Main St., West Bend, Wisc.
Pioneer Development Co., 1059 Ingraham St., Los Angeles 14, Cal.
Pittsburgh Hanger Co., 14th & P. & L. E. R. R., Monaca, Pa.
Pittsburgh Plate Glass Co., Columbia Chemical Div., Fifth Ave. at Bellefield, Pittsburgh 13, Pa.
Pittsburgh Plate Glass Co., Paint Div., 632 Duquesne Way, Pittsburgh, Pa.
Pittsburgh Tag Co., 1112-20 Galveston Ave., Pittsburgh 12, Pa.
Pittsburgh Waterproof Co., 2537 Penn Ave., Pittsburgh 22, Pa.
Plibrico Jointless Firebrick Co., 1800 Kingsbury St., Chicago 14, Ill.
Pneumatic Engineering & Sales, 1010 Des Moines Bldg., Des Moines, Iowa.
Pocock, M. A., 615 Second Ave., S., Minneapolis, Minn.
Poland Laundry Machinery Co., 47 Kemble St., Roxbury 19, Mass.
Popkins Studios Fixtures, Inc., 6805 Easton Ave., St. Louis 14, Mo.
Poro-Pres Co., 1221 N. 68th St., Milwaukee 13, Wisc.
Porto-Fab Co., Inc., 9215 Weiss St., Dallas 9, Texas
Powers Regulator Co., 2810 Greenview Ave., Chicago 14, Ill.
Preferred Utilities Mfg. Corp., 1860 Broadway, New York 23, N. Y.
Pre-Marked Strip Tag Co., 3232 India St., San Diego 1, Cal.
Pres-Grip Corp., 3108 Main St., Buffalo 14, N. Y.
Procter & Gamble Distributing Co., The, Gwynne Bldg., P. O. Box 599, Cincinnati 2, Ohio.
Progressive Textile Mfg. Co., 3252 River Ave., Camden 5, N. J.
Prosperity Co., Inc., The, 2135 Erie Blvd., E., Syracuse 1, N. Y.
Prym, Inc., William, Danville, Conn.
Pullclean Towel Cabinet Co., Inc., 430-36 W. 54th St., New York 19, N. Y.
Purkett Mfg. Co., E. Third at Kentucky Ave., Joplin, Mo.
Pyrene Mfg. Co., 560 Belmont Ave., Newark 8, N. J.
Pyrometer Instrument Co., Inc., Portland & Delford Aves., Bergenfield, N. J.

Q

Quality Products Co., 5700 W. Grand Ave., Chicago 39, Ill.
Quigley Co., Inc., 527 Fifth Ave., New York 17, N. Y.

R

Radiant Drying Co., 1680 Vine St., Los Angeles 28, Cal.
Radiator Specialty Co., 1700-1900 Douglas Rd., Charlotte 1, N. C.
Rainbow Dye Works, 109 S. 16th St., Louisville 3, Ky.
Ramelli, Inc., Rudolph, 1700 Poydras, New Orleans 6, La.
Ramtite Co., Div. S. Obermayer Co., 2563 W. 18th St., Chicago 8, Ill.
Randolph Laboratories, Inc., 8 E. Kinzie St., Chicago 11, Ill.
Rapids-Standard Co., The, 508 People's National Bank Bldg., Grand Rapids 2, Mich.
Rassenfoss Bag Co., Inc., 1904 Grove St., Glenview, Ill.
Raybestos-Manhattan, Inc., 61 Willett St., Passaic, N. J.
Rayochem Products Co., 20 E. 19th St., Paterson 4, N. J.
Ray Oil Burner Co., 401-499 Bernal Ave., San Francisco 12, Cal.
Reading-Pratt & Cady, Div. of American Chain & Cable Co., Inc., Tulpehocken St. & Lebanon Valley R. R., Reading, Pa.
Recher & Co., R., 18 Murray St., North Providence 11, R. I.
Reed Mfg. Co., 1425 W. 8th St., Erie, Pa.
Reed-Stabin, Inc., 504 62nd St., Brooklyn 20, N. Y.
Rees-Davis Drugs, Inc., Meriden, Conn.
Reeves Bros., Inc., 54 Worth St., New York 13, N. Y.
Refinite Corp., 1023 Harney St., Omaha, Nebr.
Reintjes, George P., 2515-17 Jefferson St., Kansas City 10, Mo.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc., 238 Eagle St., Brooklyn 22, N. Y.
Reliable Steam Pressing Machine Service, Inc., 175 Bergen St., Newark 3, N. J.
Reliance Electric & Engineering Co., 1058 Ivanhoe Rd., Cleveland 10, Ohio.
Rema Corp., Ruby St., Norwalk, Conn.
Remington Rand Co., 315 Fourth Ave., New York, N. Y.
Renard's, Suede & Leather Cleaners & Dyers, 741 Madison Ave., New York 21, N. Y.
Reo Motors, Inc., 1314 S. Washington Ave., Lansing 20, Mich.
Repel-O-Products Div., North American Merchandising Co., Transportation Bldg., Detroit 26, Mich.
Republic Flow Meters Co., 2240 W. Diversey Parkway, Chicago 47, Ill.
Republic Steel Corp., Republic Bldg., Cleveland 1, Ohio.
Research Laboratories Corp., P. O. Box 388, Durham, N. C.
Research Products Corp., 1011 E. Washington Ave., Madison 3, Wisc.
Resilo Co., The, 2328 W. Nelson St., Chicago 18, Ill.
Resisto Laboratories, 1260 Donald Ave., Lakewood, Ohio.
Resistoflex Corp., 39 Plansoen Rd., Belleville 9, N. J.
Revere Copper & Brass, Inc., 230 Park Ave., New York 17, N. Y.
Revolite Sales Div., Atlas Powder Co., Stamford, Conn.
Rey-Var Products Co., 53 Clark St., Hamburg, N. Y.
Rhodes, Preston T., 520-22 N. 61st St., Philadelphia, Pa.
Risdon Mfg. Co., P. O. Box 520, Naugatuck, Conn.
Riverside Chemical Co., Inc., 871-947 River Rd., North Tonawanda, N. Y.
Riverside Mfg. Co., 4919-27 Connecticut St., St. Louis 9, Mo.
Roberts Numbering Machine Co., 705 Jamaica Ave., Brooklyn 8, N. Y.
Robins & Co., G. S., 126 Chouteau St., St. Louis, Mo.
Robinson's Weaving System, Lebanon, Ind.
Robot Laundry Machinery Corp. of California, 19200 S. Western Ave., Torrance, Cal.
Rochester Can Co., 114 Greenleaf St., Rochester 9, N. Y.
Rockwell Co., W. S., 240 Eliot St., Fairfield, Conn.
Rodin Machinery Co., Div. Rodin Bros., 930 E. 43rd St., Chicago 15, Ill.
Roller Bearing Co. of America, Whitehead Rd., Trenton 3, N. J.
Rome Soap Mfg. Co., Sixth St., Rome, N. Y.
Ronaflex Tubing Co., Inc., Packard Bldg., Philadelphia 2, Pa.
Ron-Lin, Inc., 515 Smith St., Houston 2, Texas
Root & Co., 11 Ionia, S. W., Grand Rapids 2, Mich.
Roots-Connersville Blower Corp., 900 W. Mount St., Connersville, Ind.
Rosenthal Mfg. Co., 5035 N. Kedzie Ave., Chicago 25, Ill.
Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo.
Roth Co., Roy E., 2430 Fourth Ave., Rock Island, Ill.
Rubber City Mfg. Co., The, 714 N. Main St., Akron 10, Ohio.
Ruberoid Co., The, 500 Fifth Ave., New York 18, N. Y.
Rubinoff Co., M., 154-156 W. 27th St., New York 1, N. Y.
Ruggles Klingemann Mfg. Co., Foster Court, Salem, Mass.
Ruland & Oas Mfg. Co., 245 Maple Ave., North Girard, Pa.
Rumford Div., Heyden Chemical Corp., 21 Newman Ave., Rumford 16, R. I.
Russell Mfg. Co., The, Middletown, Conn.

S

Sabin Machine Co., The, 6536 Carnegie Ave., Cleveland 3, Ohio.
St. Louis Sticker Co., 1906 Pine St., St. Louis 3, Mo.
Salisbury Mfg. Co., Box 1523, Providence, R. I.
Salomon & Bro., L. A., 216 Pearl St., New York 7, N. Y.
Samson United Corp., 1700 University Ave., Rochester 10, N. Y.
Sani-Top Co., R. D. 1, Sandy Hook, Conn.
Sarco Co., Inc., Empire State Bldg., New York, N. Y.
Sayl Mothproofing Co., 410 N. Kedzie St., Chicago 12, Ill.
Schaub Engineering Co., Inc., Fred H., 2110 S. Marshall Blvd., Chicago 23, Ill.
Schorsch & Co., Inc., 120 Bruckner Blvd., New York 54, N. Y.
Schramm, Inc., West Chester, Pa.
Schwartz Co., The B. W., Box 205, Washington St., Two Rivers, Wisc.
Schwitzer-Cummins Co., 1145 E. 22nd St., Indianapolis 7, Ind.
Scientific Supply Co., Inc., 800 Water St., Denver, Colo.
Seamless Company, Inc., 41-23 24th St., Long Island City 1, N. Y.
See-O-Matic Corp., 65 La France Ave., Bloomfield, N. J.
Sellers Engineering Co., 4876 N. Clark St., Chicago 40, Ill.
Sergeant Pulp & Chemical Co., Inc., E. M., 7 Dey St., New York 7, N. Y.
Service Recorder Co., The, 1375 Euclid Ave., Cleveland 15, Ohio.
Seward Simplified Stretcher Co., P. O. Box 128, Rockville, Ind.
Shane Uniform Co., Inc., 2013 W. Maryland, Evansville 7, Ind.
Shedlov-Heinz Mfg. Co., 15-B Wilder St., Minneapolis 1, Minn.
Shell Oil Co., Inc., 50 W. 50th St., New York 20, N. Y.
Shields Engineering & Mfg. Co., 277 E. 156th St., Cleveland 10, Ohio.
Sibur Mothproof Co., P. O. Box 956, Colorado Springs 3, Colo.
Siebring Mfg. Co., 100 Owen St., George, Iowa
Signal Chemical Mfg. Co., 2650 Wood Hill Rd., Cleveland 4, Ohio.
Silkeen Mfg. Co., P. O. Box 512, Chicago 90, Ill.
Silver Creek Precision Corp., 283 Central Ave., Silver Creek, N. Y.
Simmons Machine Co., 5118 Lincoln Ave., Chicago 25, Ill.
Simplex Oil Heating Co., 11 Park Pl., New York 7, N. Y.
Singer Sewing Machine Co., 149 Broadway, New York 6, N. Y.
Singer Textile Machinery Corp., 207 Wooster St., New York, N. Y.
Sirotta Co., Bernard, 620 Smith St., Brooklyn 31, N. Y.
Sjostrom Machine Co., Lawrence, Mass.
Skelly Oil Co., 47th St. & Penn Ave. (605 W. 47th), Kansas City, Mo.
Shkrack Fittings, 201 Washington St., New York 7, N. Y.
Smith Co., Frank R., 503 Front St., Orange, Texas
Smith Co., Inc., Gilman B., 915 Broadway, New York 10, N. Y.
Smith Co., Laurence C., 2037 Valley Dr., Syracuse 7, N. Y.
Smith Co., R. B., 1609 S. Nevada Ave., Colorado Springs, Colo.
Smith, Drum & Co., Allegheny Ave. below Fifth, Philadelphia, Pa.
Smith, Inc., N. S., Box 272, Red Bank, N. J.
Smith Mfg. Co., George, 1323 W. Carroll Ave., Chicago 7, Ill.
Solvay Sales Div., Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.
Sonneborn Sons, Inc., L., 88 Lexington Ave., New York 16, N. Y.
Southeastern Foundries, Inc., 521 Marietta Ave., N. W., Atlanta, Ga.
Southern Mills, Inc., 585 Wells St., S. W., Atlanta, Ga.

Spear Box Co., Inc., 270 11th Ave., New York 1, N. Y.
Speare Co., The, 2235 S. Ford Ave., Chicago 16, Ill.
Specialty Devices Co., 805 E. 26th St., Norfolk 8, Va.
Speed Products Co., Inc., 37-18 Northern Boulevard, Long Island City 1, N. Y.
Spencer Turbine Co., 486 New Park Ave., Hartford, Conn.
Spix Products Co., 119 Dahlem St., Pittsburgh 6, Pa.
Spotswood Parker & Co., 313 Techwood Dr., N. W., Atlanta, Ga.
Stadham Co., Inc., 1825-31 N. 20th St., Philadelphia 21, Pa.
Stadler Textile Weavers, 312 E. Wisconsin Ave., Milwaukee, Wisc.
Stafford Co., N., 53rd & First Ave., Brooklyn 20, N. Y.
Stampruf Mfg. Co., 2032 E. Seventh St., Los Angeles 21, Cal.
Staley Mfg. Co., A. E., 220 Eldorado, Decatur 60, Ill.
Stampagraph Co., Inc., 79 Alexander Ave., Bronx 54, N. Y.
Standard Chemical Co., Ltd., 99 Vanderhoof Ave., Leaside, Ontario, Canada
Standard Chemical Works Co., 1987 E. Main St., Columbus 9, Ohio
Standard Fire Insurance Co., 151 Farmington Ave., Hartford, Conn.
Standard Garment Co., The, 2283 Fulton St., Toledo 10, Ohio
Standard Laundry & Cleaning Machinery Co., 6900 Maple Ave., P. O. Box 7251, Dallas 2, Texas
Standard Oil Co., 910 S. Michigan Ave., Chicago 80, Ill.
Standard Register Co., The, 3003 Campbell St., Dayton 1, Ohio
Standard Soap Co. of Camden, 205 S. Second St., Camden, N. J.
Stanley Co., Inc., John T., 642 W. 30th St., New York, N. Y.
Starr Soap & Chemical Co., 139 Main St., Cambridge 42, Mass.
Star Service Hanger Div., L. A. Young Spring & Wire Corp., 9200 Russell St., Detroit 11, Mich.
Stauffer Chemical Co., 420 Lexington Ave., New York 17, N. Y.
Steamaster Automatic Boiler Co., 5819 Compton Ave., Los Angeles 11, Cal.
Steamaster Co., Inc., 110 W. 30th St., New York 1, N. Y.
Steam Engineering & Sales Co., 1818 W. 47th St., Chicago, Ill.
Stearns Lumber Co., A. T., 98 Taylor St., Neponset, Mass.
Steelcote Mfg. Co., 3418 Gratiot, St. Louis 3, Mo.
Steele & Co., J. W., 12th Ave. & Howell, North Kansas City 16, Mo.
Steele Supply Co., Inc., 15 Brook St., Newton 58, Mass.
Steel Products Engineering Co., The, 1205 W. Columbia Street, Springfield, Ohio
Steffen Canvas Products, 315 S. Beech St., Eaton, Ohio
Steigler Co., George, 8 Forest Ave., Cincinnati, Ohio
Stein Co., Lawrence M., 815-25 W. Van Buren St., Chicago 7, Ill.
Steiner Sales Co., 225 W. Chestnut St., Chicago 10, Ill.
Steinman Paper Co., 1302 N. Halsted Ave., Chicago 22, Ill.
Stephens-Adamson Mfg. Co., Ridgeway Ave., Aurora, Ill.
Sterling Engineering & Mfg. Corp. (Templeton Mfg. Co.), Reservation Rd., Hyde Park 36, Mass.
Sterling, Inc., 3738 N. Holton St., Milwaukee 12, Wisc.
Sterling Supply Corp., 1 Porter St., Philadelphia 48, Pa.
Stevenson Co., Stevenson, Conn.
Stevenson, Jordan & Harrison, Inc., 205 W. Wacker Dr., Chicago 6, Ill.
Stewart-Warner Corp.-Alemite Corp., 1828 Diversey Parkway, Chicago 14, Ill.
Stifel Co., Inc., Herman, 27 Park Pl., New York 7, N. Y.
Stomac Engineering Co., Inc., 2000 W. 25th, Cleveland 13, Ohio
Stonewall Sales Co., Station E, Box 64, Atlanta, Ga.
Stout & Sons, David, 7016 Manchester St., St. Louis 17, Mo.
Stover Water Softener Co., Stover Bldg., St. Charles, Ill.
Street & Co., Inc., R. B., 561 W. Monroe St., Chicago 6, Ill.
Strike's Laundry Machinery, Inc., 221 N. Westmoreland, Los Angeles 4, Cal.
Strong, Carlisle & Hammond Co., 1192 W. Third St., Cleveland 13, Ohio
Stry-Lenkoff, Inc., 815 E. Market St., Louisville 6, Ky.
Studebaker Corp., South Bend, Ind.
Subox, Inc., 347 River Rd., North Arlington, N. J.
Sun Fluorescent Electric Co., 1655 Bedford Ave., Brooklyn 25, N. Y.
Super Laundry Machinery Co., St. Joseph, Mich.
Superior Combustion Industries, Inc., 1475 Broadway, New York 18, N. Y.
Superior Products Co., 148 Pearl St., Sommerville 45, Mass.
Superior Rug Machinery Co., 2738 N. Sheffield Ave., Chicago 14, Ill.
Sure-Hold Div., Nashua Gummed & Coated Paper Co., Franklin St., Nashua, N. H.
Sureloc Paper Clip Co., Kenyon Ave., Wakefield, R. I.
Swift & Co., Union Stock Yards, Chicago 9, Ill.
Sylvania Div., American Viscose Corp., 122 E. 42nd St., New York 17, N. Y.
Sylvania Electric Products, Inc., 500 Fifth Ave., New York, N. Y.

T

Taco Heaters, Inc., 137 South St., Providence 3, R. I.
Tad Chemical Co., Div. of Acme Industrial Compounds Corp., 625 S. Goodman, Rochester 7, N. Y.
Tagit Co., 1212 11th St., Rockford, Ill.
Taglabue Div., C. J., Portable Products Corp., Room 4114 Woolworth Bldg., 233 Broadway, New York 7, N. Y.
Takamine Laboratory, Inc., 193 Arlington Ave., Clifton, N. J.
Take-Care Mfg. & Sales Co., P. O. Box 855, Winfield, Kans.
Talley Laundry Machinery Co., Mill St., Greensboro, N. C.
Talon, Inc., 626 Arch St., Meadville, Pa.
Tarbonis Co., The, 4300 Euclid Ave., Cleveland 3, Ohio
Tash Dye Works, Al, Grande Prairie, Dallas County, Texas
Taubman, Inc., Samuel, 1 W. 34th St., New York 1, N. Y.
Taylor & Co., W. A., 7300 York Rd., Baltimore 4, Md.
Tejax Engineering Corp., 2 Allens Ave., Providence 3, R. I.
Temple Co., A. B., 308 W. Burlington, La Grange, Ill.
Templeton Bros., Inc., 699 Main St., Walpole, Mass.
Testing Machines, Inc., 427 W. 42nd St., New York, N. Y.
Texas Co., The, 135 E. 42nd, New York, N. Y.
Texas Soap Mfg. Corp., 4905 Calhoun Rd., Houston 4, Texas
Textag Co., Inc., 191 Cain St., N. W., Atlanta, Ga.
Textile Marking Machine Co., Inc., 246 Walton St., Syracuse 2, N. Y.
Theobald Industries, Sanford Ave., Kearny, N. J.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City 8, Mo.
Thomson Pump Div., Waterous Co., 80 Fillmore Ave., E. St. Paul 1, Minn.
Thrifty Weavers, 310 N. St. Clair St., Toledo 4, Ohio
Ticke-Tag Co., 512 N. Wrenn St., High Point, N. C.
Tie Co., Unadilla, N. Y.
Time Savers, Inc., 83-99 Walnut St., Montclair, N. J.
Timken Roller Bearing Co., The, Canton 6, Ohio
Tingue, Brown & Co., 114 E. 23rd St., New York 10, N. Y.
Titeflex, Inc., 596 Frelinghuysen Ave., Newark 5, N. J.
Titusville Iron Works Co., Div. of Struther Wells Corp., Titusville, Pa.
Todd Co., Inc., The, Rochester 3, N. Y.
Toledo Scale Co., 1970 Telegraph Rd., Toledo 12, Ohio
Tompkins' Label Service, Frankford Ave. at Allegheny Ave., Philadelphia 34, Pa.
Tork Clock Co., Inc., 1 Grove St., Mt. Vernon, N. Y.
Trachtenberg & Son, Sol G., 115 W. 30th St., New York 24, N. Y.
Trane Co., The, La Crosse, Wisc.
Travelers Insurance Co., Hartford, Conn.
Trico Chemical Div. of Tri-State Equipment Co., 402 Swetland Bldg., 1010 Euclid Ave., Cleveland 15, Ohio
Trico Fuse Mfg. Co., 2948 N. Fifth St., Milwaukee 12, Wisc.
Triner Scale & Mfg. Co., 2714 W. 21st St., Chicago, Ill.
Tri-Pak Machinery Service, Inc., Box 1228, Harlingen, Texas
Triplex Industries, Inc., 3601 S. Racine Ave., Chicago 9, Ill.
Trosan Button Co., 216 W. Jackson Blvd., Chicago 6, Ill.
Tropical Paint & Oil Co., The, 1242-1286 W. 70th St., Cleveland 2, Ohio
Troy Engine & Machine Co., 2400 Railroad Ave., Troy, Pa.
Troy Laundry Machinery Div., American Machine & Metals, Inc., E. Moline, Ill.
Troy Sunshade Co., The, Troy, Ohio
Tru-Color Dye Works, Cooper Ave. & Dry Harbor Rd., Brooklyn 27, N. Y.
Tru-Sheen Corp., 1230 Edward St., Richmond, Cal.
Turco Products, Inc., 6135 S. Central Ave., Los Angeles 1, Cal.
Tyson-Sales Co., Inc., 1212 Washington Ave., Houston, Texas

U

Union Iron Works, 15th & Cascade St., Erie, Pa.
Union Oil Co. of California, Los Angeles, Cal.
Unipress Co., The, 2800 Lyndale Ave., S., Minneapolis 8, Minn.
United Autographic Register Co., 5000 S. California Ave., Chicago, Ill.
United Cotton Goods Co., Inc., 101 E. Broadway, Griffin, Ga.
United Electric Motor Co., 178 Center St., New York 13, N. Y.
United Fabrics Co., 223 W. Jackson Blvd., Chicago, Ill.
U. S. Blind Stitch Machine Co., 312 Seventh Ave., New York, N. Y.
United States Gauge, Div. of American Machine & Metals, Inc., Clymer Ave., Sellersville, Pa.
U. S. Gutta Percha Paint Co., 10 E. Dudley St., Providence 1, R. I.
U. S. Hoffman Machinery Corp., 105 Fourth Ave., New York 3, N. Y.
U. S. Machine Corp., Lebanon, Ind.
U. S. Marking Tag Co., Inc., 718 Atlantic Ave., Brooklyn 17, N. Y.
U. S. Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.
U. S. Rubber Co., Koylon Div., 407 N. Main St., Mishawaka, Ind.
U. S. Stoneware Co., The, 60 E. 42nd St., New York 17, N. Y.
U. S. Tissue Converting Co., 1848 W. Washington Blvd., Los Angeles 7, Cal.
United Vacuum Appliance Corp., 150 S. Central Ave., Connersville, Ind.
Universal Laundry Machinery Co., 3825 Forest Park Blvd., St. Louis 8, Mo.
Universal Sanitizing Equipment, Inc., 250 W. 57th St., New York 19, N. Y.
Useful Products, Inc., P. O. Box 235, Oceanside, N. Y.

V

Valdura Div., American Marietta Co., 43 E. Ohio St., Chicago 11, Ill.
Valetor Distributors, Div. of U. S. Hoffman Machinery Corp., 105 Fourth Ave., New York 3, N. Y.
Van Chemical Co., 14837 Kercheval Ave., Detroit 15, Mich.
Vandergriff-Collum, Inc., 17 Foundry St., N. W., Atlanta 3, Ga.
Vanette Div., Brooks & Perkins, Inc., 2443 Woodward Ave., Detroit 1, Mich.
Veeder-Root, Inc., 20 Sargeant, Hartford 2, Conn.
Velocity Steam Production Engineering, Inc., 38 S. Dearborn St., Chicago 3, Ill.
Vic Cleaning Machine Co., 1313 Hawthorne Ave., Minneapolis 3, Minn.
Victor Chemical Works, 141 W. Jackson Blvd., Chicago 4, Ill.
Victor Lubricator Sales Co., Mildred & North Aves., Antioch, Ill.
Viking Pump Co., Fourth & Newman Sts., Cedar Falls, Iowa
Virginia-Carolina Laundry Supply Corp., 212 W. Seventh St., Richmond, Va.
Virginia Greenstone Co., Inc., Fort Ave. & Thurman, Lynchburg, Va.
Virginia Leather Co., The, 2210-2216 Meadowbrough St., Richmond 24, Va.
Virginia Smelting Co., Third Ave. & Jefferson St., West Norfolk, Va.
Vita-Var Corp., 46 Albert Ave., Newark 2, N. J.
Volk, Lawrence B., 1221 Washington Ave., Scranton, Pa.

W

Wagner Awning & Mfg. Co., The, 2658 Scranton Rd., Cleveland 1, Ohio
Wagner Sign Service, Inc., 212 S. Hoyne Ave., Chicago 12, Ill.
Waldorf Co., 2236 Myrtle Ave., St. Paul, Minn.
Wallace & Tiernan Products, Inc., 1 Main St., Belleville 9, N. J.
Wallerstein Co., Inc., 180 Madison Ave., New York 16, N. Y.
Walsh Packing Co., 208-210 Race St., Philadelphia 6, Pa.
Walton Trunk Co., 78 Fifth Ave., New York 11, N. Y.
Walworth Co., 60 E. 42nd St., New York 17, N. Y.

Warco Laboratories, 1640 W. Vernon, Los Angeles 37, Cal.
Warren Belting Co., Inc., 33 Arctic St., Worcester 8, Mass.
Warwick Chemical Co., 580 Fifth Ave., New York 19, N. Y.
Washine National Sands, Inc., 37-02 Northern Blvd., Long Island City 1, N. Y.
Water Service Laboratories, Inc., 423 W. 126th St., New York 27, N. Y.
Waterway Co., The, Richardson Bldg., Toledo, Ohio
Watson-Standard Co., 225 Galveston Ave., Pittsburgh 12, Pa.
Wayne Pump Co., 524 Tecumseh St., Fort Wayne 4, Ind.
Weave-Bac, Swetland Bldg., Cleveland 15, Ohio
Weave Masters, Inc., 414 Race St., Cincinnati, Ohio
Webb Belting Co., 1501-1507 W. 12th St., Kansas City 7, Mo.
Webster & Co., Warren, 17th & Federal Sts., Camden, N. J.
Werk Co., The M., Murray Rd., St. Bernard, Cincinnati 17, Ohio
Wescott Products Corp., 131 Lincoln Ave., New York 54, N. Y.
West Coast Laundry Machinery Co., 3246 17th St., San Francisco 10, Cal.
Western Laundry Machinery Co., 420 E. Tenth St., North Kansas City 16, Mo.
Western Laundry Press Co., 619 S. Fifth West St., Salt Lake City, Utah
Western Pump Co., Ltd., 522 W. Santa Clara St., San Jose 1, Cal.
Westinghouse Air Brake Co., Industrial Div., Wilmerding, Pa.
Westinghouse Electric Corp., Lamp Div., Bloomfield, N. J.
Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 5, N. J.
West Side Bag & Paper Co., Inc., 177 E. 123rd St., New York 35, N. Y.
Westvaco Chemical Div., Food Machinery & Chemical Corp., 405 Lexington Ave., New York 17, N. Y.
Whitehouse Products, Inc., 360 Furman St., Brooklyn 2, N. Y.
White Machine Co., Inc., 104-106 Livingston St., Newark 3, N. J.
White Motor Co., 847 E. 79th St., Cleveland, Ohio
Whitlock Mfg. Co., The, 60 South St., Hartford, Conn.
Whitman Supply Co., 131 Lincoln Ave., New York 54, N. Y.
Whitney Chain & Mfg. Co., The, 237 Hamilton St., Hartford 2, Conn.
Wichita Precision Tool Co., Inc., 450-454 N. Seneca, Wichita 12, Kans.
Wilbur & Williams Co., The, Greenleaf & Leon Sts., Boston 15, Mass.
Wilkes Equipment Co., 3119 Ross Ave., Dallas 1, Texas
Will & Baumer Candle Co., Inc., Syracuse 1, N. Y.
Will-Burt Co., The, Orrville, Ohio
Williams & Davis Boiler and Welding Co., Inc., 2527 Canton St., Dallas 1, Texas
Williams Laundry Machinery Co., Inc., 3915 22nd St., Long Island City 1, N. Y.
Williams & Sons, I. B., 51 Washington, Dover, N. H.
Wilson Chemical Co., A. L., 38 Passaic Ave., Kearny, N. J.
Windsor Chemical Co., P. O. Box 8, Peekskill, N. Y.
Winner, Joe L., 281 S. Hilton St., Baltimore 29, Md.
Wire Specialties & Mfg. Corp., 1548-50 12th St., Denver 4, Colo.
Wisconsin Equipment Supply Co., 215 S. Second St., Milwaukee 4, Wisc.
Wizard Weavers, 135 E. Gay St., Columbus 15, Ohio
Wolf & Co., Jacques, Box 839, Passaic, N. J.
Wolf Machine Co., The, 308 E. Eighth St., Cincinnati 2, Ohio
Wolke Co., A. F., 1902-10 Silver St., New Albany, Ind.
Wolverine Sales Co., 109 N. Pleasant St., Belding, Mich.
Wonder Wash Corp., 38 Marbledale Rd., Tuckahoe, N. Y.
Wonder Weavers, 44 Whalley Ave., New Haven, Conn.
Wood Conversion Co., First National Bank Bldg., St. Paul 1, Minn.
Woodhead Insurance Agency, 510 Insurance Exchange Bldg., Kansas City 6, Mo.
Wood's Sons Co., T. B., Fifth Ave., Chambersburg, Pa.
Worcester Salt Co., 40 Worth St., New York 13, N. Y.
Wormstead, Smith & Loomis, Inc., 77 Washington St. N., Boston 14, Mass.
Worthington Pump & Machine Corp., Worthington Ave., Harrison, N. J.
Wright-Austin Co., 3245 Wight St., Detroit 7, Mich.
Wyandotte Chemicals Corp., Wyandotte, Mich.
Wyotana Mining Co., 351 First Federal Bldg., St. Paul 1, Minn.

Y

Yarnall-Waring Co., 129 Mermaid Ave., Philadelphia 18, Pa.
Yeomans Bros. Co., 1433 N. Dayton St., Chicago 22, Ill.
York-Shipley, Inc., York, Pa.
Young Radiator Co., 709 S. Marquette St., Racine, Wisc.
Youngstown Container Corp., 7300 Pleade St., Pittsburgh 8, Pa.

Z

Zeidler Mfg. Co., 61 Westchester Ave., White Plains, N. Y.
Zellermayer & Co., Nathan, 2108 Washington Ave., New York, N. Y.
Zephyr Laundry Machinery Co., 212 E. Erie St., Chicago 11, Ill.
Zero Water Softener Mfg. Co., 4985 Elston Ave., Chicago 30, Ill.
Zuckerberg Co., The, 87 Franklin St., New York 13, N. Y.

MR. MANUFACTURER

If your listing is not as you wish it to be, send in your correction. If you no longer manufacture a product for the drycleaning or laundry industry please advise and we will drop your listing.

The National Cleaner & Dyer

304 East 45th Street New York 17, N. Y.

LOCAL BUYERS' GUIDE

geographical directory of manufacturers, direct branch offices, jobbers and distributors

ALABAMA

ANNISTON

Federal Products Co., Inc.

BIRMINGHAM

Allegheny-Ludlum Steel Corp., 716 N. 19th St.
Armour & Co., 209½ N. 21st St.
Armstrong Machinery Co., 424 S. 20th St. (E)
Ballard Co., W. P., 1521 First Ave. (E & S)
Barrett Div., Allied Chemical & Dye Corp.
Berger Mfg. Div., Republic Steel Corp., 1407 Empire Bldg.
Bristol Co., Comer Bldg.
Crane Co., 2 S. 20th St.
Forburo Co., P. O. Box 589
Garlock Packing Co., 519 S. 19th St.
Ingersoll-Rand Co., 1700 Third Ave., S.
Kewanee Boiler Corp., 2224 Comer Bldg.
Kleeman, Inc., 1909 50th Pl., N.
Link-Belt Co., Comer Bldg.
M & B Metal, 4415 Morris Ave.
Middlebrooks Laundry Machinery Co., 424 S. 20th St. (E)
Morris & Eckels Co., 214 N. 25th St. (E & S)
Rapids-Standard Co., Inc., 110½ N. 18th St.
Reliance Electric & Engineering Co., 1722 First Ave. N.
Ross & Co., Inc., F. H., 1625 Second Ave. (E & S)
U. S. Hoffman Machinery Corp., 2112 Seventh Ave., S.
Wittichen Chemical Co., 1609 Second Ave., S. (S)
Worthington Pump & Machinery Corp., 417 Watts Bldg.

GADSDEN

Puckett & Co., 623 Henry St. (S)

LEEDS

Star Service Hanger Div., L. A. Young Spring & Wire Corp.

MOBILE

Bemis Bro. Bag Co., P. O. Box 1672
Crane Co., 200 N. Royal St.
Mulfaul Paint & Varnish Co., 1715 Old Shell Rd.

MONTGOMERY

Dixie Laundry Machinery Co., 229 Houston St. (E)

Dixie Laundry Machinery Co.
COMPLETE LAUNDRY & DRY CLEANING EQUIPMENT
Tel.: Montgomery 5189
229 Houston St., Montgomery 7, Ala.

Franklin Equipment Co., 310 Houston St. (E)

ARIZONA

PHOENIX

Chrisman Co., Inc., E. L., 210 W. Adams St.
Crane Co., 233 S. First Ave.
Mefford Chemical Co., 323 W. Jackson St. (S)
Western Chemical Co., 422 E. Jefferson (E & S)

TUCSON

Crane Co., 35 E. Toole Ave.

ARKANSAS

FORT SMITH

Crane Co., 221 S. Ninth St.
McClinton Sales & Service Co., 302 N. Sixth (E & S)
United Machinery Co., 110 N. Tenth St. (E)

LITTLE ROCK

Arkansas Paper Co. (S)
Capitol Chemical & Supply Co., 1214-16 Main St. (E & S)
Crane Co., 120 Commerce St.
Ramelli, Inc., Rudolph, 500 E. Markham

NORTH LITTLE ROCK

Thompson-Hayward Chemical Co., P. O. Box 413 (S)

TEXARKANA

Louisiana Paper Co., Ltd. (S)

CALIFORNIA

ALAMEDA

Halters' Supply House, Inc., 615 Central Ave.

ATASCADERO

Haertel Co., Walter, P. O. Box 643

BELL GARDENS

Brewer Co., 5606 Clara St.

BERKELEY

Colgate-Palmolive-Peet Co., 2700 Seventh St.

CULVER CITY

National Dye House, 5812 W. Washington Blvd.

DIABLO

Osken Co., Edwin S. (E)

EL MONTE

Clayton Mfg. Co., P. O. Box 550

EMERYVILLE

Beeler Corp., 4653 Harlan St.

ESCONDIDO

Hoover's Cleaning & Laundry Supply Co., Joe R., P. O. Box 632

FRESNO

Hildebrand Supply & Equipment Co., 225 Fresno St. (E & S)
Mitchell Co., J. B., 4916-28 W. Jefferson Blvd.
Naman Supply & Equipment Co., 2207 E. Tulare (E & S)

GLENDALE

California Cleaners Equipment & Supplies, 1905 S. Central (E & S)
Chicago Metal Hose Corp., 109 Glendale Ave., S.
Newhouse Co., 1125 E. Colorado Blvd.

HUNTINGTON PARK

Huntington Supply Co., 6965 Santa Fe Ave. (S)

LONG BEACH

Campbell Co., J. A., 645 E. Wardlow Rd.
Coonen Supply, 412 E. Third St. (E & S)
Crane Co., 624 W. Anaheim St.
Darnell Corp., Ltd., 3517 E. 11th St.

LOS ANGELES

Ajax Supply Co., 8219 S. Main St. (S)
Allegheny-Ludlum Steel Corp., 4915 Pacific Blvd.
Allen Billmyre Div., Lamson Corp., 309 W. Pico Blvd.
Amber Mfg. Co., 607 S. Union Ave.
American Aniline Products, Inc., 1019 S. Grand Ave.
American Brake Shoe Co., Kellogg Div., 1218 Venice Blvd.
American Chemical & Products Co., 3287 Casitas Ave.
American Coat Hanger Mfg. & Specialty Co., 4310 W. Jefferson Blvd.
American Hair & Felt Co., 1535 N. Ditman
American - La France - Foamite Corp., 733 E. Eighth St.
American Laundry Machinery Co., 1442 E. Fourth St.
American Mineral Suppliers Co., 555 S. Flower St.
Angelus Uniform Co., 1101 S. Main St.
Armite Laboratories, 1900 E. 55th St.
Atlantic Stampruf Co., Inc., 2022 E. Seventh St.
Bailey Meter Co., 1709 W. Eighth St.
Ballinger, W. A., 1126 S. Santa Fe Ave. (S)
Baseick Co., 1293 E. Eighth St.
Bemis Bro. Bag Co., 5401 E. Slauson Ave.
Berger Mfg. Div., Republic Steel Corp., 5480 E. Slauson Ave.
Blackmer Pump Co., 736 E. Washington Blvd.
Bowser, Inc., 2843 W. Seventh St.
Braun, Inc., Philip N., 2484 W. Washington (E)
Brillo Mfg. Co., Inc., 122 N. Western Ave.
Bristol Co., 810 S. Spring St.
Browning Co., E. S., 2436 E. 12 St. (S)
Capps Laundry & Cleaners Specialties, C. B., 1890 W. Jefferson Blvd. (E)
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 416 W. Eighth St.
Cash, Inc., J. & J., 6213 S. Gramercy Pl.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Challenge Marking Tag Co., 4310 W. Jefferson Blvd.
Chlorine Solutions, Inc., 6019 S. Riverside Dr.
Chrisman Co., Inc., E. L., 8255 S. Compton Ave. (E)
Cissell Mfg. Co., Inc., W. M., 4823 W. Jefferson Blvd.
Clothes Bleach Co., 3325 Emery St.
Continental Car-Na-Var Corp., 318 W. Olympic Blvd.
Cooper-Bessemer Corp., 640 E. 61st St.
Crane Co., 321 E. Third St.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 601 W. Fifth St.
Crosby Steam Gage & Valve Co., 2034 Santa Fe Ave.
Cunningham Pressing Machine Service, 1127 W. 20th St. (E)
Custom Engineering Co., 3138 W. Slauson Ave.
Cutler-Hammer, Inc., 1331 Santa Fe Ave.
Davis Mfg. Corp., K. H., 2415 E. 23rd St.
Day & Co., K. L., 2484 W. Washington Blvd. (E)
De Laval Steam Turbine Co., 124 W. Fourth St.
Detrex Corp., 625 S. Anderson St.
DeVilbiss Co., 1420 S. Los Angeles St.
Dicalite Div., Great Lakes Carbon Corp., 612 S. Flower St.
Dixon Boiler Works, 1625 Naud St.
Dow Chemical Co., Banks Huntley Bldg., 634 S. Spring St.
Electric Storage Battery Co., 1043 S. Grand Ave.
Elliott Co., Petroleum Bldg.
Engineer Co., 209 W. 12th St.
Fafnir Bearing Co., 1818 S. Flower St.
Filtrol Corp., 634 S. Spring St.
Foster Machinery Co., 1220 E. 58th St. (E & S)
Foxboro Co., 2307 E. Eighth St.
Franklin Research Distributors, Inc., 1001 E. First St.
GMC Truck & Coach Div., General Motors Corp., 1850 E. Washington Blvd.
Garock Packing Co., 2303 E. Eighth St.
Garment Hanger Co., 2624 Geraldine St.
General Pacific Corp., 1501 E. Washington Blvd.
Goss-Jewett & Co., 2161 Bay St. (S)
Hagaman, Thad, 8480 S. Main St. (E & S)
Handy Specialties, 9159 W. Pico Blvd.
Hardin Distributing Co., J. L., 5870 Hooper Ave.
Hart-Cobb-Carley Co., 818 S. Los Angeles
Haskelite Mfg. Corp., 438 Chamber of Commerce Bldg., 1151 S. Broadway
Hercules Powder Co., 1151 S. Broadway
Hild Floor Machine Co., 303 E. Third St.
Hill Bros. Chemical Co., 2139 Bay St. (S)
Holt Mfg. Co., 4119 S. Broadway
Horn Co., Inc., A. C., 1318 S. Main St.
Howe Scale Co., 1237 E. Eighth St.
Hubinger Co., 1248 Wholesale St.
Imperial Chemical Co., 2827 Havana St. (S)
Indiana Mfg. Co., Inc., 6201 S. Main St.
Ingersoll-Rand Co., 1460 E. Fourth St.
Ink-O Products Co., 5101 Monte Vista St.
Johns-Manville, 616 W. Fifth St.
Kelite Products, Inc., P. O. Box 2917, Terminal Annex Station
Kewanee Boiler Corp., 320 Crocker St.
Kidde & Co., Inc., Walter, 3327 W. Washington Blvd.
Kimball Co., A., 720 S. Los Angeles St.
Kirk's Leather Cleaners, 7320 Melrose Ave.
Kohnstamm & Co., Inc., H., 4735 District Blvd. (E & S)
Link-Belt Co., 361-369 S. Anderson St.
Little Giant Specialties, 1375 Riverside Dr.
Los Angeles Chemical Co., 1960 Santa Fe Ave. (S)
Los Angeles Soap Co., 617 E. First St. (S)
Lynch Co., John P., 1210 Santa Fe Ave. (E & S)
Mallinckrodt Chemical Works, 923 E. Third St.
Mason-Neilan Regulator Co., 1457 S. Concord St.
Mefford Chemical Co., 1026 Santa Fe Ave. (S)
Mettler Co., Lee B., 406 S. Main St.
Midland Paint & Varnish Co., 1406 S. Grand Ave.
Miller Co., A. O., 305 E. Third St.
Mitchell, Clinton H., 7666 Woodrow Wilson Dr.
Mitchell Co., J. B., 4916-28 W. Jefferson Blvd. (E)
Mund Boilers, Inc., 1600 N. Indiana St.
Nagel Coat Hanger Co., 3213 S. San Pedro St.
National Airoil Burner Co., 811 W. Seventh St.
National Marking Machine Co., 2700 S. Vermont Ave.
North American Electric Lamp Co., 1513 Mateo St.
Nundet Products Co., Inc., 912 E. Third St.
Owens-Corning Fiberglas Corp., 2445 W. Eighth St.
Paasche Airbrush Co., 7222 S. Santa Fe Ave.
Pacific Alkali Co., 523 W. Sixth St.
Pacific Coat Hanger Mfg. Co., 6710 Avalon Blvd.
Pantex Mfg. Corp., 1535 S. Olive St.
Parker Boiler Mfg. Co., Inc., 801 E. 3035 E. 37th St.
Patek & Co., 622 S. Anderson St. (E & S)
Peerless Pump Div., Food Machinery Corp., 301 West Ave. 26
Pennsylvania Salt Mfg. Co., 4820 Loma Vista Ave.
Permutit Co., 124 W. Sixth St.
Pioneer Development Co., 1059 Ingraham St.
Powers Regulator Co., 1808 W. Eighth St.
Prescott Co., Geo. M., 1567 E. 25th St. (E)
Procter & Gamble Distributing Co., 688 Chamber of Commerce Bldg., 1151 S. Broadway
Prym, Inc., William, 2423 E. 56th St.
R. M. F. Electric Co., 717 Maltman Ave.
Radiant Drying Co., 1688 Vine St.
Recordak Corp., 939 S. Broadway
Refinite Corp., 832 W. Fifth
Revere Copper & Brass, Inc., 714 W. Olympic Blvd.
Riekes & Sons, S., 6043 S. District Blvd. (E)
Robot Laundry Machinery Co., 19200 S. Western Ave.
Roost Laundry Machinery Corp., 2080 Laura Ave., Hunting Park
Rossies Co., George, 784 Stanford Ave.
Ross Laundry Machinery Co., Sam, 810 W. 12th St. (E)
Schramm, Inc., 1021 E. Eighth St.
Sec-O-Matic Corp., 5729 S. Normandie St.
Sink Co., Paul C., 6201 S. Main St. (E)
Southern Mills, Inc., 3763 S. Broadway
Speed Products Co., Inc., 314 N. Robertson Blvd.
Spencer Turbine Co., 656 S. Los Angeles St.
Stainpruf Mfg. Co., 2022 E. Seventh St.
Stauffer Chemical Co., 555 S. Flower St.
Steamaster Automatic Boiler Co., 5819 S. Compton Ave.
Stephens-Adamson Mfg. Co., 2227 E. 37th St.
Strike's Laundry Machinery Co., 221 N. Westmoreland
Sun-Ray Kleansall Oil Co., 150 W. 101st St.
Sun-Ray Products, 449 Hazard Ave.
Super-X Bleach Co., 449 Hazard Ave.
Surewhite Bleach Co., 6019 S. Riverside Dr.
Textile Marking Machine Co., Inc., 2184 W. Washington Blvd.
Tingue, Brown & Co., 723 E. Washington Blvd.
Turco Products, Inc., 6135 S. Central Ave.
Union Oil Co. of California
United Chemical & Supply Co., 8251 Compton Ave. (E & S)
U. S. Hoffman Machinery Corp., 412-414 W. Pico St.
U. S. Tissue Converting Co., 1846-50 W. Washington Blvd.
Walworth Co., 2532 E. 49th St.
Warco Laboratories, 1640 W. Vernon Ave.
Wellington Sears Co., 111 W. Seventh St., Room 414
Western Laundry Press Co., 857 S. Grand View St. (E)
Westvaco Chemical Div., Food Machinery & Chemical Corp., Pacific Electric Bldg., Sixth & Main Sts.
Wolf & Co., Jacques, 330 E. Second St.
Wolf Machine Co., 948 S. Main St.
Worthington Pump & Machinery Corp., 5075 Santa Fe Ave.
Wyandotte Chemicals Corp., 682½ S. Vermont Ave.
Yarnall-Waring Co., 1855 Industrial St.
Zephyr Laundry Machinery Co., 1526 Glendale Blvd.

MILLBRAE

Multi-Clean Products, Inc., 197 Poplar

NEWARK

Westvaco Chemical Div., Food Machinery & Chemical Corp.

NORTH HOLLYWOOD

North Hollywood Cleaners Equipment & Supply Co., 5509 Lankershim Blvd. (E & S)

OAKLAND

Berger Mfg. Div., Republic Steel Corp., 162 Grand Ave.
Brune, B. H., 2915 Harrison St.
California Laundry Equipment Co., 2221 Union St. (E)
Cleaners Equipment Exchange, 3601 San Pablo Ave. (E)
Cleaning Equipment & Machinery Co., 3261 Grove St. (E)
Clorox Chemical Co., 850 42nd Ave.
Crane Co., 346 Ninth St.
Echeo Sales & Mfg., 2030 Livingston St. (E & S)
GMC Truck & Coach Div., General Motors Corp., 2121 Peralta St.
Gerlach's, 309 13th St. (S)
Golding Cleaners Repair Co., 2008 12th Ave.
Holt Mfg. Co., 651-81 29th St.
Kohnstamm & Co., Inc., H., 898 Isabella St. (E & S)
Link-Belt Co., 1525 Harrison St.
Merrill Headrick Co., 3122 35th Ave. (S)
Oakland Supply Co., 2561 Grove St. (S)
Rosenberg Bros., 384 12th St. (E & S)
West Co., Verne E., 1207 19th Ave.
Westco Paper Products Co., 2305 62nd Ave.

PALO ALTO

Carver Pump Co., 412 Kipling

PASADENA

Kennedy Car Liner & Bag Co., 1119 Armada Dr.
Lucas Associates, Claude E., 308 Oak Knoll Bldg., 880 E. Colorado St.

PETALUMA

Kresky Mfg. Co., Inc., 307 Third St.

RICHMOND

Tru-Sheen Corp., 1236 Edward St.

SACRAMENTO

Continental Chemical Co., 407½ You St. (S)
Crane Co., 1227 Front St.
Dye-A-Spot Co., 6446 Broadway
Pallvino & Son, 1229-31 H St.

SAN BERNARDINO

Crane Co., 110 South E St.
Culligan Zeolite Co., Cajon Blvd.

SAN CARLOS

Combustion Control Corp., 765 Cordilleras Ave.
Photoswitch, Inc., 765 Cordilleras Ave.

SAN DIEGO

Buel Town Co., 275 Fifth Ave. (E & S)
Chrisman Co., Inc., E. L., 2950 National Ave.
Crane Co., 1148 India St.
Harrigan's Laundry & Cleaning Equipment, 3472 University Ave. (E)
L. B. Woolen & Trimming Co., 935 Sixth Ave. (S)
Patek & Co., Bank of America Bldg. (E & S)
Pre-Marked Strip Tag Co., 3232 India St.
Ragland Machinery Co., A. R., 1401 Imperial Ave. (E)
Southwest Supply Co., 510 Eighth Ave. (E & S)
Thacher & Co., Lester E., 113 West F St.

SAN FRANCISCO

Abbott Co., S. L., 135 King St.
Allegheny-Ludlum Steel Corp., 36 Berry St.
Allen Billmyre Div., Lamson Corp., 611 Howard St.
American-La France-Foamite Corp., 430 Ninth St.
American Laundry Machinery Co., 1600 Bryant St.
American Mineral Spirits Co., 725 Second St.
American Sterilizer Co., 450 Sutter
Angelica Uniform Co., 350 Ellis St.
Arabol Mfg. Co., 30 Sterling St.
Bailey Meter Co., 4224 Sharon Bldg.
Ballinger & Co., W. A., 30 Otis St. (S)
Bemis Bro. Bag Co., 1000 Sansome St.
Blackmer Pump Co., 98 Folsom St.
Blaisen Mfg. & Supply Co., 2765 McAllister St. (S)
Bowser, Inc., 468 Ninth St.
Braun, Inc., F. N., 1243 Van Ness Ave. (E)
Braun-Knecht-Heimen Co., 1400 16th St. (S)
Bristol Co., 40 Berry St.
Browning Co., E. S., 1515 Third St. (S)
Calgon, Inc., 149 California St.
California Trimming Co., 1725 O'Farrell St. (S)
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 114 Sansome St.
Chicago Metal Hose Corp., 637 Powell St.
Continental Car-Na-Var Corp., 7 Front St. at Market
C-O Two, 977 Mission St.
Crane Co., 301 Brannon St.
Cutler-Hammer, Inc., 2130 Third St.
Davis Emergency Equipment Co., Inc., 1246 Howard St.
DeBothezat Fans Div., American Machine & Metals, Inc., 1201 Folsom St.
De Laval Steam Turbine Co., Rialto Bldg.
Detecto Scales, Inc., 2415 17th St.
Detrex Corp., 681 Market St.
DeVilbiss Co., 831 Howard St.
Dicalite Div., Great Lakes Carbon Corp., 785 Market St.
Dow Chemical Co., 310 Sansome St.
Dresser Mfg. Div., Dresser Industries, 580 Market St.
Dutton Co., C. H., 153 California St.
Electric Storage Battery Co., 6150 Third St.
Elliott Co., Rialto Bldg.
Fafnir Bearing Co., 434 Larkin St.
Farrar Industrial Products Co., 436 Clementina
Foxboro Co., 266 Fremont St.
Franklin Research Distributors, Inc., 7 Front St.
Fuller Supply Co., 1725 O'Farrell St. (E & S)
Gardner-Denver Co., 811 Folsom St.
Garlock Packing Co., 930 Bryant St.
General Dyestuff Corp., 37 Clementina St.
General Pacific Corp., 127 Tenth St.
Gilmer Co., L. H., Div. U. S. Rubber Co., 310 Bryant St.
Goss-Jewett & Co., 7 Front St. (S)
Graton & Knight Co., 1219 Folsom St.
Hammel-Dahl Co., 116 New Montgomery St.
Hercules Filter Corp., 1142 Howard St.
Hercules Powder Co., 225 Bush St.
Hertzberg Mfg. Co., Western Merchandise Mart
Hild Floor Machine Co., 420 Market St.
Hong Supply Co., S., 1844 Geary St. (S)
Horn Co., Inc., A. C., 252 Townsend St.
Hotaling & Co., A. P., 114 Sansome St. (S)
Houghton & Co., E. F., Quint St. & Davidson Ave.
Howe Scale Co., 124 Fourth St.
Hubinger Co., 750 Second St.
Huron Milling Co., 383 Brannan St.
Ingersoll-Rand Co., 350 Brannan St.
Johns-Manville, 116 New Montgomery St.
Kewanee Boiler Corp., 637 Minna St.
King Co., O. L., 436 Clementina St.
Kohnstamm & Co., Inc., H., 285 Brannan St. (E & S)
Laundry Equipment Co., 1059 Mission St. (E)
Link-Belt Co., 400 Paul Ave.

(Continued on next page)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

San Francisco *(Continued)*

Los Angeles Soap Co., 599 Second St. (S)
Martin Equipment Corp., 3246 17th St.
Mason-Neilan Regulator Co., 130 Russ St.
Mehl Mfg. Co., 510 Battery St.
Mexico Refractories Co., 560 Powell St.
Mitchell Co., J. B., 262 Chester Ave. (E)
National Aniline Div., Allied Chemical & Dye Corp., 517 Howard St.
National Starch Products, Inc., 735 Battery St.
Nuodex Products Co., Inc., 626 Merchants Exchange Bldg.
Ohio Injector Co., 333 Montgomery St.
Owens-Corning Fiberglas Corp., 135 Stockton St.
Pacific Agencies, Inc., 333 Montgomery St.
Pacific Laundry Equipment Service, 1085 Monadnock Bldg. (E)
Patek & Co., 1900 16th St. (E & S)
Permutit Co., 55 New Montgomery St.
Philadelphia Belting Co., 51 Main St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 681 Market St.
Procter & Gamble Distributing Co., 360 Pine St.
Pyrene Mfg. Co., 577 Mission St.
Ray Oil Burner Co., 401-99 Bernal Ave.
Recordak Corp., 220 Post St.
Revere Copper & Brass, Inc., Russ Bldg.
Robot Laundry Machinery Corp. of California, 3248-50 17th St.
Roots-Connersville Blower Corp., 1101 Hearst Bldg.
Ross Laundry Machine Co., 280 Seventh St. (E)
Scanlon Co., D. W., 1328 Mission St. (S)
Schramm, Inc., 995 Market St.
Sheridan Co., J. T., 1328 Mission St. (S)
Stauffer Chemical Co., 636 California St.
Super Laundry Machinery Co., 333 Montgomery St.
Tagliabue Div., C. J., Portable Products Corp., 120 Main St.
Toledo Scale Co., 968 Mission St.
Troy Laundry Machinery Div., American Machine & Metals, Inc., 1201 Folsom St.
Turco Products, Inc., 200 Davis St.
U. S. Gutta Percha Paint Co., 301 Mission St.
U. S. Hoffman Machinery Corp., 1116 Mission St.
U. S. Rubber Co., Koylon Div., 300 Second St.
Walworth Co., 665 Sixth St.
Wellington Sears Co., 605 Market St., Room 709
West Coast Laundry Machinery Co., 3246 17th St. (E)
Westinghouse Electric Corp., Lamp Div., 1 Montgomery St.
Wolff, Leo, 3162 Clay St. (S)
Worthington Pump & Machinery Corp., 224 Townsend St.
Wyandotte Chemicals Corp., 506 Central Tower Bldg.
Yarnall-Waring Co., 1061 Howard St.

SAN GABRIEL

Hatters Supply House, Inc., 316 Bartlett Ave.
Paulin Products Co., 425 W. Rose Rd.

SAN JOSE

Western Pump Co., Ltd., 322 W. Santa Clara St.

SANTA ANA

Crane Co., 919 Poinsettia St.

SANTA MONICA

Spazier Soap & Chemical Co., 1619 20th St.

SOUTH GATE

Mass Chemical Co., A. R., 4570 Ardine St.

SOUTH PASADENA

National Technical Laboratories, 820 Mission St.

TORRANCE

Robot Laundry Machinery Corp. of California, 19200 Southwestern Ave.

VAN NUYS

Hammel-Dahl Co., 4658 Aboll Ave.

WALNUT CREEK

Oaken, Edwin S., 510 Bryant St. (S)

WHITTIER

Mead Co., George E., 11240 S. Arroyo Dr.

WILMINGTON

Remes Bro. Bag Co., 830 East D St.
Hooker Electro Chemical Co., 953 Pier A St.

COLORADO

BOULDER

Morey Mercantile Co. (S)

COLORADO SPRINGS

Mohl, Hedda
Silbur Mothproof Co., 17th & Manitou Blvd.
Smith Co., R. B., 1609 S. Nevada Ave.

DENVER

American - La France - Foamite Corp., 1741 Arapahoe St.
American Supply Co., 1450 Tremont Pl. (E & S)
Angelica Uniform Co., 1108 17th St.
Bailey Meter Co., 855 Hudson St.
Bemis Bro. Bag Co., 924 W. U. National Bank Bldg.
Berger Mfg. Div., Republic Steel Corp., 828 14th St.
Blackmer Pump Co., 1324 19th St.
Bowser, Inc., 1606 Broadway
Braun, Inc., Philip N., 1581 Pearl St. (E)
Bristol Co., Hamilton Associates, 381 Gas & Electric Bldg.
Carey Salt Co., c/o Banker Nicholls Brokerage Co.
Carman Distributing Co., 1949-55 Market St. (E & S)
Chemical Sales Co., 1125 Seventh St. (S)
Colorado Tent & Awning Co., 1642 Lawrence St.
Crane-O'Fallon Co., 1631 15th St.
Cutler-Hammer, Inc., 1526 Blake St.
Denver Tailors' Supply Co., 1513 Washington St. (E & S)
Electric Storage Battery Co., 810 14th St.
Fafnir Bearing Co., 1618 Wazee St.
Franklin Research Distributors, Inc., 1608 Wynkoop St.
Garlock Packing Co., 1863 Wazee St.
Gates Rubber Co., 900 S. Broadway
GMC Truck & Coach Div., General Motors Corp., 620 W. 12th Ave.
Hild Floor Machine Co., 1441 Market St.
Hurley Co., 2140 Market St. (S)
Ingersoll-Rand Co., 1641 Blake St.
Johns-Manville, 1755 Glenarm Pl.
Katzson Bros., 1513 Washington St. (E & S)
Kewanee Boiler Corp., 1226-28 California St.
Kohnstamm & Co., Inc., H., 1700 15th St. (E & S)
Laundry Supply Co., 1125 Seventh St. (S)
Lee Soap Co., J. D., 3062 Fox St., P. O. Box 1612
Link-Belt Co., 521 Boston Bldg.
Marvel Marking Machine Co., 1433 Blake St.
Merchants Chemical Co., Inc., 1211 W. 44th Ave. (E & S)
Morey Mercantile Co., 1628 16th St. (S)
National Paper Band Co., P. O. Drawer 126
Perfection Marking Machine Co., 441 Detroit St.
Perfection Supply Co., Box 5104, Terminal Annex
Permutit Co., 2301 Blake St.
Procter & Gamble Distributing Co., Union Station
Radinsky, A. D., 2000 W. Colfax Ave.
Recordak Corp., 1746 Champa St.
Scientific Supply Co., Inc., 600 Water St. (E & S)
Shore & Sons, M., 433-15th St. (S)
Standard Oil Co. (Indiana), 909 17th St.
Stebbins Mfg. Co., 1753-37 Blake St. (E & S)
Textile Marking Machine Co., Inc., 1581 S. Pearl St.
Thompson-Hayward Chemical Co., 1501 W. 13th Ave. (S)
Thorn Products Co., 3240 Larimore St.
Toledo Scale Co., 1421 16th St.
U. S. Hoffman Machinery Corp., 1511 17th St.
Wells, Myron E., 2222 S. Lafayette St. (E)
Wire Specialties & Mfg. Corp., 1348-50 12th St.
Worthington Pump & Machinery Corp., 1640 Blake St.
Wyandotte Chemicals Corp., 701 University Bldg.

GRAND JUNCTION

Crane-O'Fallon Co., 801 Pitkin Ave.

PUEBLO

Acorn Storage Co., 206 S. Main St. (S)
Crane-O'Fallon Co., 216 W. Third St.
Mattingly, Chas. W., 119 Jackson St. (E)

CONNECTICUT

BRANFORD

Malleable Iron Fittings Co.

BRIDGEPORT

Bassick Co., 38 Austin St.
Bostwick Laboratories, 706 Boswick
Bridgeport Brass Co., 30 Grand St.
Crane Co., 302 John St.
Everready Supply Co., 803-5 Housatonic Ave. (E)
J & L Mfg. Co., 21 Castle Ave.
McKesson & Robbins, Inc., 424 Grasmere Ave. (S)
Metropolitan Body Co., 151 Kossuth St.
Nevs-Clog Products, Inc., 506 Logan St.
United Trimming & Mill Agency, 25 Middle St. (S)

BRISTOL

New Departure, Div. General Motors Corp.

CENTERBROOK

Cramer & Co., Inc., R. W.

CHESHIRE

Allen Billmyre Div., Lamson Corp., Main St.

DANBURY

Doran Bros., Inc.

DAYVILLE

Prym, Inc., William

GLENVILLE

American Felt Co.

FAIRFIELD

Rockwell Co., W. S., 240 Eliot St.

HARTFORD

Armour & Co.
Automobile Insurance Co., 151 Farmington Ave.
Bluestein, Inc., D. & R., 278 Trumbull St. (S)
Canvas Specialty Co., P. O. Box 937
Chemical Corp., 54 Church St. (S)
Crane Co., 710 Windsor St.
Fabre, Lindsay W., 176 Church St.
Gileton, Inc., M., 230 Ann St. (E & S)
Hild Floor Machine Co., 230 Ann St.
Ingersoll-Rand Co., P. O. Box 1117
National Tag & Label Corp., Box 1877
Procter & Gamble Distributing Co., Capitol Bldg., 410 Asylum St.
Revere Copper & Brass, Inc., 410 Asylum St.
Sisson Drug Co., 729 Main St. (S)
Spencer Turbine Co., 485 New Park Ave.
Standard Fire Insurance Co., 151 Farmington Ave.
Travelers Insurance Companies
Veeder-Root, Inc., 20 Sargeant
Whitlock Mfg. Co., 60 South St.
Whitney Chain & Mfg. Co., 237 Hamilton St.

MERIDEN

Cuno Engineering Corp., 80 S. Vine St.
Miller Co., 99 Center St.
Rees-Davis Drugs, Inc.

MIDDLETOWN

Russell Mfg. Co.

NAUGATUCK

Risdon Mfg. Co., 10 Risdon St.

NEW BRITAIN

Fafnir Bearing Co.

NEW HAVEN

Chemical Corp., 180 State St. (S)
Crane Co., 355 Orchard St.
Curraro Cleaners Supplies, 284 Putnam St. (S)
Grosman & Co., A., 10 Center St. (E & S)
International Boiler Works Co., 52 Whitney Ave.
Kewanee Boiler Corp., 902 Chapel St., 614 Malley Bldg.
Krevit & Co., Inc., H., 11 Albert St. (S)
M B Mfg. Co., Inc., 1060 State St.
National Tag & Label Corp., Box 352
U. S. Hoffman Machinery Corp., 265 Church St.
Wonder Weavers, 44 Whalley Ave.
Worthington Pump & Machinery Corp., 265 Church St.

NORWALK

Rema Corp., Ruby St.

PLAINVILLE

Harmon Products Corp., S. Washington St.

SANDY HOOK

Sani-Top Co., R. D. #1

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

SHELTON
Better Packages, Inc., 255 Canal St.

SOUTH NORWALK
Cash, Inc., J. & J., Chestnut St.

STAMFORD
Petroleum Heat & Power Co.
Revolite Div., Atlas Powder Co.

STEVENSON
Stevenson Co.

WATERBURY
American Brass Co., American Metal Hose Branch, 698 S. Main St.
Apothecaries Hall Co., 8-28 Benedict St. (S)
Bristol Co.
Chase Brass & Copper Co., 236 Grand St.
Johnson Metal Hose, Inc., 226 Mill St.

WEST HARTFORD
Bagshawe Co., A. S., 35 Maplewood Ave. (S)

DELAWARE

NEWARK
Hungerford & Terry, Inc., 104 Bent Lane

WILMINGTON
Chipman Paper Co. (S)
Du Pont de Nemours & Co., Inc., E. I.
Elliott Co., Industrial Trust Bldg.
Hammel-Dahl Co., 107 Continental American Bldg., Rodney Sq.
Hercules Powder Co., Delaware Trust Bldg.
Worthington Pump & Machinery Corp., 299 Delaware Trust Bldg.

DISTRICT OF COLUMBIA

WASHINGTON
Aconaqua Co., 808 Chandler Bldg. (E)
Allegheny-Ludlum Steel Corp., 1001 15th St., N. W., Rust Bldg.
Allen & Vickers, Inc., 112 Virginia Ave., S. W. (E & S)
American Coolair Corp., 2518 Pennsylvania Ave., S. E.
American - La France - Foamite Corp., No. 1 Thomas Circle, Store No. 5
American Laundry Machinery Co., 1635 Connecticut Ave., N. W.
Ballard & Co., W. P., Seventh & Eye St., S. W. (E & S)
Barnett & Sons, Inc., Wm., 83 Seaton Pl., N. E. (E)
Bowser, Inc., Washington Bldg.
Capital Machine & Supply Co., 83 Seaton Pl. N. W. (E & S)
Cauthen & Slocum, Inc., 1218 N. Capitol St.
Colson-Merriam Co., Transportation Bldg. (S)
Continental Car-Na-Var Corp., 1427 Eye St., N. W.
Cooper-Bessemer Corp., 440 Investment Bldg.
Crane Co., 1225 Eye St., N. W.
Curran & Co., Guy, 313 Ninth St., N. W.
Cutler-Hammer, Inc., 909 Investment Bldg.
Cyclotherm Corp., 1507 M St., N. W.
DeBothezat Fans Div., American Machine & Metals, Inc., 1333 G St., N. W.
Dow Chemical Co., 915 Shoreham Bldg.
Dutton Co., C. H., 832 Southern Bldg.
Electric Storage Battery Co., 1819 L St., N. W.
Elliott Co., Tower Bldg.
GMC Truck & Coach Div., General Motors Corp., 30 M St., N. E.
Gies & Sons, Inc., Joseph, 623 H St., N. W., (E & S)
Ingersoll-Rand Co., Hewrich Bldg., 1627 K St., N. W.
Link-Belt Co., 703 Southern Bldg.
Loebl Dye Works, Inc., 7434 Georgia Ave., N. W.
Midland Color & Chemical Co., Inc., 700 Jefferson St., N. W.
New York Trimming Store, 913 G St., N. W. (S)
Owens-Corning Fiberglas Corp., 1031 Investment Bldg.
Peebles Chemical Co., 1911 Kendlwith Ave. (S)
Pennsylvania Salt Mfg. Co., 1022 17th St., N. W.
Permutit Co., 918 F St., N. W.
Petroleum Heat & Power Co., 2209 Channing St., N. E.
Proctor & Hutchinson, 3714 14th St., N. W. (E)
Prosperity Co., Inc., 2480 16th St., N. W.
Rabrick Supply Co., 1342 11th St., S. E. (S)
Recordak Corp., 705 12th St., N. W.
Reliance Electric & Engineering Co., 311 Colorado Bldg.
Ridgely & Ridgely, 3524 14th St., N. W. (S)
Robet Laundry Machinery Corp. of California, 603 D St., N. W.
Sarco Co., Inc., 1713 M St., N. W.
Schramm, Inc., 1254 23rd St., N. W.
Standard Pressing Machine Co., 1109 Ninth St., N. W. (E)
Troy Laundry Machinery Div., American Machine & Metals, Inc., 1333 G St., N. W.
U. S. Hoffman Machinery Corp., 1 Dupont Circle
Virginia-Carolina Laundry Supply Corp., Fourth & D Sts., S. W. (E & S)

Where the BEST in
SUPPLIES & EQUIPMENT
get together
Virginia-Carolina
LAUNDRY SUPPLY CORP.
4th & D Sts. S. W. Tel. REpublic 0426

Walworth Co., 810 18th St., N. W.
Water Service Laboratories, Inc., 1514 P St., Rear
Worthington Pump & Machinery Corp., 1517 Connecticut Ave., S. W.

FLORIDA

APOPKA
Stauffer Chemical Co., Box K

ORLANDO
Atlantic Chemicals, Inc., Michigan Ave. & R. R.
U. S. Hoffman Machinery Corp., 1315 W. Princeton Ave.

JACKSONVILLE
American Coolair Corp., P. O. Box 2300
Armour & Co.
Armstrong Machinery Corp., 525 E. Bay St. (E)
Atlantic Chemical Co., 125 Margaret St. (E & S)
Cameron & Barkley Co., 605 E. Forsyth St. (E)
Crane Co., 1007 W. Bay St.
Excelsior Mills Corp., 118 E. 14th St.
Florida Laundry & Drycleaners Supply Co., 603 King St. (E & S)
Kohnstamm & Co., Inc., H., 502 E. Bay St. (E & S)
Miller Machinery & Supply Co., 329 E. Bay St. (E & S)
Morris & Eckels Co., (Carman & Co.), 329 E. Bay St. (E & S)
Pessier-Gaubert Corp., 2301 Main St. (S)
Permutit Co., 306 W. Adams St.
Thomas, Ed L., 327 E. Bay St., Box 413 (E & S)

MIAMI
Biscayne Chemical Laboratories, Inc., 2207 N. E. Second Ave. (S)
Columbia Chemical & Supply Co., 3705 N. E. Second Ave.
Crane Co., 85 N. W. Tenth St.
Florida Laundry & Cleaners Supply Co., 2251 N. W. First Pl. (S)
Industrial Equipment & Supplies, 3030 N. W. Eighth Ave. (E & S)
Kohnstamm & Co., Inc., H., 20-26 N. E. 11th St. (E & S)
Laundry & Dry Cleaning Equipment, 820 N. W. 49th St. (E)
Miller Machinery & Supply Co., N. E. 27th & F. E. C. Tracks (E & S)
Prosperity Co., Inc., 716 N. E. 79th St.
Sunbeam Supply Co., 1121 S. W. First St. (E & S)

ORLANDO
Bemis Bro. Bag Co., P. O. Box 1688
U. S. Hoffman Machinery Corp., 1315 W. Princeton Ave.

ST. PETERSBURG
Murray Supply Co., M. G., 348 Ninth St. S. (E & S)

TAMPA
Cameron & Barkley Co., 107 S. Franklin (S)
Clean Products Co., 1403 22nd Ave. (S)
Crane Co., 1103 E. Twiggs St.
Cyclotherm Corp., P. O. Box 2561
Gooding Co., Harold T., P. O. Box 1402 (E)
Kewanee Boiler Corp., 405 E. Idlewild Ave.
Lanfestey Supply Co., Twiggs & Meridian (P. O. Box 3276) (E & S)
Phenix Supply Co., 327 S. Franklin St.

HAVING TROUBLE?
Why not call us in for counsel on your dry-cleaning problems. Our staff is well qualified to assist you.
PHENIX SUPPLY COMPANY
Phone 2-1086
327 S. Franklin St. Tampa 1, Florida

Textile Equipment Co., 2608 N. Albany Ave., (E)

WEST PALM BEACH
Crane Co., 601 Lantana Ave.

GEORGIA

AMERICUS
Jennings & Son, David T., 227 Cotton Ave., P. O. Box 84 (E)

ATLANTA
Allen Billmyre Div., Lamson Corp., 97 Cone St.
Allen & Vickers, Inc., 493 Glen Iris Dr., N. E. (E & S)
Allis Co., Louis, 313 Bona Allen Bldg.
American Associated Companies, 308-20 Ivy St., N. E.
American Felt Co., 305 Techwood Dr., N. W.
American - La France - Foamite Corp., 181 Spring St., N. W.
American Laundry Machinery Co., 1331 Spring St.
American Mineral Spirits Co., 22 Marietta St. Bldg.
American Monorail Co., P. O. Box 65, Station E.
American Sterilizer Co., 105 Forrest Ave. Bldg., N. E.
Armour & Co.
Armstrong Machinery Co., 381 Peachtree, N. E. (E)
Atlanta Brush Co., Box 1358
Atlanta Distributing Co., 489 Courtland St., N. E. (E)
Atlanta Paper Co., Marietta Ave.
Bailey Meter Co., 75½ Hunter St., S. W.
Blackmer Pump Co., 1155 Blvd., N. E.
Bowser, Inc., 226 Hurt Bldg.
Butler Engineering Co., 532-B 10th St., N. W.
Butler Mfg. Co., 23 Baker St., N. E.
Calloway Mills, Inc., Candler Bldg.
Carey Mfg. Co., Philip, Candler Bldg.
Carey Salt Co., Rhodes-Haverty Bldg.
Cheshire Co., Inc., J. R., 379 Piedmont Ave., N. E. (E)

We handle complete equipment for dry-cleaners and laundries from the leading manufacturers in the country.
J. R. CHESHIRE CO., INC.
379 Piedmont Ave., NE Atlanta, Ga.
Tel: LAMAR 0477

Clinton Foods Inc., 323 Western Union Bldg.
Colgate-Palmolive-Peet Co., Room 540, Hurt Bldg.
Comer Co., 208 Ivy St., N. E. (E)
C-O Two, 242 Spring St., N. W.
Cox Co., James E., 723 Ponce De Leon Pl. N. E. (E & S)

MACHINERY, EQUIPMENT, SUPPLIES
NEW and REBUILT
"Everything from straight pins to steam boilers"
James E. Cox Company
Tel. Vernon-9661
723 Ponce de Leon Place, NE, Atlanta, Georgia

Crane Co., Washington St. Viaduct
Cutler-Hammer, Inc., 134 Marietta St., N. W.
Cyclotherm Corp., 495 Glen Iris Dr., N. E.
DeBothezat Fans Div., American Machine & Metals, Inc., Candler Bldg.
Detex Watchclock Corp., Glenn Bldg.
Dettelbach Co., 3045 Peachtree Rd. N. E.
Dicalite Div., Great Lakes Carbon Corp., 32 Huntington Rd., N. W.
Diesel Mfg. Co., Electric Div., Singer Mfg. Co. 172 Trinity Ave., S. W.
Drave Corp., 305 Techwood Dr. N. W.
Dunaway Co., H. D., 514 E. Ontario Ave., S. W.
Egan Cotton Mills, 866 Murphy Ave., S. W.
Electric Storage Battery Co., 210 Walker St., S. W.
Elliott Co., Haas-Howell Bldg.
Engineer Co., 452 Spring St., N. W.
Fafnir Bearing Co., 248 Spring St.
General Detroit Corp., 258 Spring St., N. W.
GMC Truck & Coach Div., General Motors Corp., 231 Ivy St., N. E.
Gomez Co., L. H., Div. U. S. Rubber Co., 204 Walker St., S. W.
Golden-Anderson Valve Specialty Co., 303 Five Ivy Bldg.
Gould Pumps, Inc., 22 Marietta St. Bldg.
Gulf Oil Corp., Gulf Refining Co., Hurt Bldg.
Howe Scale Co., 523 Whitehall St., S. W.
Ingersoll-Rand Co., 1617-22 Marietta St. Bldg.
Johns-Manville, 101 Marietta St.
Kewanee Boiler Corp., 955 W. Marietta St., N. W.
Keystone Tag Co., 353 Luckie St., N. W.

(Continued on next page)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Atlanta *(Continued)*

Knide & Co., Inc., Walter, 101 Marietta St., N. W.
Kohnstamm & Co., Inc., H., P. O. Box 96, Station A (E & S)
Link-Belt Co., 1116 Murphy Ave., S. W.
Mason-Neilan Regulator Co., 101 Marietta St.
Morris & Eckels Co. (Carman & Co.), 352 Nelson St., S. W. (E & S)
Murphy Sales Co., 525 Grant Bldg.
National Starch Products, Inc., 432 Hurt Bldg.
Owens-Corning Fiberglas Corp., 1005 Whitehead Bldg.
Peacee-Gaulbert Corp., 1434 Marietta, N. W. (S)
Phenix Supply Co., 361-9 Central Ave. (S)

HAVING TROUBLE?

Why not call us in for counsel on your dry-cleaning problems. Our staff is well qualified to assist you.

PHENIX SUPPLY COMPANY
(Phone Main 1195)
361-9 Central Ave. Atlanta 3, Ga.

Procter & Gamble Distributing Co., 39 Harris St., N. E.
Prosperity Co., Inc., 447 W. Peachtree St.
Frym, Inc., William, Candler Bldg.
Pyrene Co., 242 Spring St., N. W.
Recordak Corp., 231 Peachtree St.
Republic Flow Meters Co., 150 Nassau St., N. W.
Revere Copper & Brass, Inc., Rhodes-Haverty Bldg.
Ross & Co., Inc., F. H., 215 Chester Ave., S. E. (E & S)
Selig Co., 342 Marietta St., N. W. (E & S)
Shearer Machine Co., 219 Whitehall, S. W. (E)
Southeastern Foundries, Inc., 521 Marietta Ave., N. W.
Southern Mills, Inc., 585 Wells St., S. W.
Spotswood Parker & Co., 213 Techwood Dr., N. W. (E)
Sylvania Div., American Viscose Corp., 78 Marietta St.
Tuting Co., Inc., 191 Cain St., N. W.
Tingue, Brown & Co., 507 Bishop St., N. W.
Toledo Scale Co., 341 Peachtree St., N. E.
Troy Laundry Machinery Div., American Machine & Metals, Inc., 1479 Spring St., N. W.
Turco Products, Inc., 314-315 Mortgage Guarantee Bldg.
U. S. Hoffman Machinery Corp., 81 11th Street, N. E.
Vandergriff-Collum, Inc., 17 Foundry St., N. W. (E & S)
Virginia-Carolina Laundry Supply Corp., 616 Morphy, S. W. (E & S)
Walworth Co., 675 W. Whitehall St., S. W.
Westinghouse Electric Corp., Lamp Div., 1299 Northside Dr., N. W.
Worthington Pump & Machinery Corp., 8 Rhodes Center N., N. W.
Wyomissing Chemicals Corp., 443 Hurt Bldg.
Yarnall-Waring Co., 408 Bona Allen Bldg.
Zephyr Laundry Machinery Co., 358 Ivy St., N. E.

COLUMBUS

Georgia-Alabama Paper Co. (E & S)

DECATUR

Peerless Pump Div., Food Machinery & Chemical Corp., 214-16-18 Rutland Bldg.

GRIFFIN

United Cotton Goods Co., Inc.

MACON

Crane Co., 500 Broadway
General Production Co., P. O. Box 263

SAVANNAH

Crane Co., 14 W. Broad St.
Laundry & Dairy Supply Co., 5-7 Jefferson St. (E & S)
Pacific Coast Hanger Mfg. Co., Port Wentworth
Ross & Co., Inc., F. H., E. St. Julian St. (E & S)

IDAHO

BOISE

Bemis Bro. Bag Co., 204 McCarty Bldg.
Crane Co., 214 S. Fifth St.
Permutit Co., P. O. Box 1761
Van Waters & Rogers, Inc., 317 Yates Bldg. (S)

NAMPA

L & K Machinery Service, Inc., 18 11th Ave. (E)

POCATELLO

Crane Co., 756 S. First Ave.

ILLINOIS

ALGONQUIN

American Ironing Machine Co.

ALTON

Coats, R. E., 1140 Harrison St. (E)

ANTIOCH

Victor Lubricator Sales Co., Mildred & North Aves.

AURORA

Crane Co., 544 S. Lake St.
Haertel Co., Walter, 663 Downer Pl.
Stephens-Adamson Mfg. Co., Ridgeway Ave.

BELLEVILLE

Ideal Stencil Machine Co., 102 Iowa Ave.

CHICAGO

A-1 Laundry Machinery Co., 2322 N. Spaulding (E)
Ace Fastener Corp., 3415 N. Ashland Ave.
Ace Hose & Rubber Co., 761 W. Van Buren St.
Ace Laundry Machinery Co., 1340 W. Van Buren St. (E)
Active Pressing Machine Service Co., 1677 N. Milwaukee St. (E)
Adams Weaving Co., 1123 Republic Bldg.
Aerovent Fan Co., 2400 W. Madison St.
Aetna Laundry Supply Co., 2514 S. Damen Ave. (S)
Allegan Supply Co., 233 W. Cermak Rd. (S)
Allegheny-Ludlum Steel Corp., 4747 S. Kedzie Ave.
Allen Billmyre Div., Lamson Corp., 505 N. LaSalle St.
Allis Co., Louis, Room 418, 2400 W. Madison St.
Almade Dye House, 4412-4424 Wentworth Ave.
American Aniline Products, Inc., 820 S. Clinton St.
American Brake Shoe Co., Kellogg Div., 2019 S. Michigan Ave.
American Brass Co., American Metal Hose Branca, 1326 W. Washington Blvd.
American Coal Burner Co., 18 E. Erie St.
American Cutlery Co., 361 W. Superior St.
American Engineering Co., 327 S. La Salle St.
American Felt Co., 121 N. Wacker Dr.
American Hair & Felt Co., 1828 Merchandise Mart
American Hatters Supplies, Inc., 542 S. Dearborn St. (E & S)
American-La France-Foamite Corp., 445 Lake Shore Dr.
American Laundry Machinery Co., 35 E. Wacker Dr., Suite 352
American Mineral Spirits Co., 230 N. Michigan Ave.
American Monorail Co., 549 W. Washington Blvd.
American Numbering Machine Co., 105 W. Madison St.
American Sterilizer Co., 332 S. Michigan Ave.
American Textile Weaving Co., 5 N. Wabash
Anderson-Prichard Oil Corp., 3921 N. Ravenswood Ave.
Andrew Technical Service, 111 E. Delaware Pl.
Angelica Uniform Co., 177-179 N. Michigan Ave.
Ansul Chemical Co., 1111 N. La Salle St.
Applegate Chemical Co., 5630-32 Harper Ave.
Arabol Mfg. Co., 1835 S. 54th Ave.
Armour & Co., 1355 W. 31st St.
Associated Bag & Apron Co., 220 W. Ontario St. (S)
Associated Crib Diaper Cos., 4747 N. Damen Ave.
Automatic Paper Box Corp., 1011-1025 S. California Ave.
Ayr-Mor Laundry Machinery Co., Inc., 601 W. Washington
B & G Machinery Co., 333 N. Ridgeland Ave.
Bailey Meter Co., 33 W. Jackson Blvd., Room 834
Baker Chemical Co., J. T., 435 N. Michigan Blvd.
Barco Mfg. Co., 1801-15 Winnemac Ave.
Barrett Div., Allied Chemical & Dye Corp., 2800 S. Sacramento Ave.
Bassick Co., 666 N. Lake Shore Dr.
Behrstock Co., L., 765 W. Van Buren St. (E & S)
Belding Basket Co., 110 S. Dearborn St.
Bemis Bro. Bag Co., 120 S. La Salle St.
Berge Laundry Machinery & Supply Co., Louis, 4232 N. Lincoln Ave. (E)
Berger Mfg. Div., Republic Steel Corp., 322 S. Michigan Ave.
Better Packages, Inc., 325 W. Huron St.
Binks Mfg. Co., 3114 Carroll Ave.
Bishop Co., G. H., 621 N. Kolmar Ave.
Bratner Pump Co., 608 S. Dearborn St.
Boston Gear Works, Inc., 955 W. Washington Blvd.
Bowser, Inc., 110 N. Franklin St.
Brady Conveyors Corp., 20 W. Jackson Blvd.
Breuer Electric Co., 3100 N. Ravenswood Ave.
Brillo Mfg. Co., Inc., 801 N. Milwaukee Ave.
Bristol Co., 351-363 E. Ohio St.
Bunn Co., R. H., 7605 Vincennes Ave.
Burrett Mills, 616 W. Fulton St.
Burgess-Berliner Associates, 539 S. Franklin St.
Butler Engineering Co., 7431 Merrill
Calgon, Inc., 53 W. Jackson Blvd.
Callaway Mills, Inc., Merchandise Mart
Cambridge Instrument Co., Inc., 2400 W. Madison St.
Canton Stoker Corp., 352 W. Walton St.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbide Corp., 230 N. Michigan Ave.
Carey Mfg. Co., Philip, Engineering Bldg., 205 Wacker Dr.
Carman & Co., Inc., 1754 Walnut St. (E & S)
Carver Pump Co., 605 W. Washington Blvd.
Cash, Inc., J. & J., 201 N. Wells Bldg.
Central Laundry Machinery & Supply Co., 2302 S. Wentworth Ave. (E & S)
Century Paper Products Co., 1302 N. Halsted St. (E & S)
Cherlin Co., Inc., Samuel, 2721 N. Halsted St. (E & S)
Chicago Automatic Stoker Co., 14 N. Clinton St.
Chicago Dryer Co., 2212 N. Pulaski Rd.
Chicago Laundry & Cleaners Supply Co., 1310 E. 75th St. (S)
Chicago Pearl Button Co., 216 W. Jackson Blvd.
Chicago Pump Co., 2300 Wolfram St.
Chicago Used & New Laundry Equipment Co., 3128 W. Lake St. (E)
Chief Distributing Co., 312 W. Illinois St. (E)
Clarage Fan Co., 333 N. Michigan Ave.
Clinton Foods Inc., 1016 Wrigley Bldg.
Clopay Corp., Wacker Bldg., 221 N. LaSalle St., Suite 1218
Colgate-Palmolive-Peet Co., 919 N. Michigan Ave.
Combustion Control Corp., 800 N. Clark St.
Conco Engineering Works, Div. H. D. Conkey & Co., 111 W. Washington St.
Continental Car-Na-Var Corp., 506 S. Wabash Ave., Room 314
Cooper Co., H. P., 308 S. Green St.
C-O Two, 444 N. Lakeshore Dr.
Cornell Belting Co., 440 N. Wells St.
Crane Co., 836 S. Michigan Ave.
Crawford Laundry Machinery Co., 4320 W. Ogden (E)
Crest Chemical Co., 3015 S. Oakley St. (S)
Crewdson Co., 360 E. Grand Ave.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 111 W. Washington St.
Crosby Steam Gage & Valve Co., 140 S. Dearborn St.
Cunningham-Schueneman, Inc., 32 S. Clark St.
Cutler-Hammer, Inc., 400 W. Madison St.
Damels, Inc., C. R., 549 W. Randolph St.
Darnell Corp., Ltd., 36 N. Clinton St.
David Regulator Co., 2663 W. 25th Pl.
Davis Emergency Equipment Co., Inc., 1342 N. Sedgewick St.
Davis Specialties, 618 S. Kolmar Ave.
Dean Hill Pump Co., 122 S. Michigan
DeBothezat Fans Div., American Machine & Metals Inc., 310 S. Michigan Ave.
Deep Rock Oil Corp., 155 N. Clark St.
De Laval Steam Turbine Co., Peoples Gas Bldg.
Delray Industries, Inc., P. O. Box 2001
Detecto Scales, Inc., 3330 W. 66th St.
Detex Watchclock Corp., 4147 Ravenswood Ave.
Detrex Corp., 600 S. Michigan Ave.
Detroit Belt Lacer Co., 616 W. Jefferson
Devere Co., 608 S. Dearborn St.
DeVilbiss Co., 1280 W. Washington Blvd.
Diamond Alkali Co., 20 N. Wacker Dr.
Diamond China Co., Inc., 3059 W. Ogden Ave.
Diamond T Motor Co., 4401 W. 26th St.
Dicalite Div., Great Lakes Carbon Corp., 1623 W. Melrose St.
Dodge Mfg. Co., Electrical Div., Singer Mfg. Co., 1019 W. Jackson Blvd.
Dommitt, C. P., 8331 S. Bishop St.
Doves Corp., 3330 Fifth Ave.
Dow Chemical Co., 135 S. La Salle St.
Dravo Corp., 208 N. La Salle St.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Dresser Mfg. Div., Dresser Industries, 122 S. Michigan Ave.
Drew & Co., Inc., E. F., 360 N. Michigan Ave.
Dutton Co., C. H., Manadnock Bldg., Room 460
Dwyer Mfg. Co., F. W., 317 S. Western Ave.
Eagle Bleach Products Co., 2700 W. 35th St.
Economy Tablet & Paper Co., 667 W. 14th St. (S)
Electric Auto-Lite Co., 600 S. Michigan Ave.
Electric Storage Battery Co., 5335 S. Western Blvd.
Eliott Co., 20 N. Wacker Dr.
Ellis Drier Co., 2444 N. Crawford Ave.
Engineer Co., 330 S. Wells St.
Fabric Laundry & Drycleaning Machinery Corp., 1624 N. Kilbourn
Fabricon Co., 8342 S. Prairie Ave.
Fafnir Bearing Co., 427 W. Randolph St.
Fairbanks Morse & Co., Fairbanks-Morse Bldg., 600 S. Michigan Ave.
Fitzpatrick Bros., Inc., 1300 W. 32nd Pl.
Flexible Steel Lacing Co., 4607 Lexington St.
Foster-Stephens, Inc., 310 S. Christiana Ave.
Foxboro Co., 154 E. Erie St.
Franklin Research Distributors, Inc., 417 W. Ohio St.
Freedman & Son, J., 3819 W. Roosevelt Rd.
Fullo Corp., 2358 N. Seeley Ave.
Gardner-Denver Co., 1353 W. Washington Blvd.
Garlock Packing Co., 600 W. Jackson Blvd.
Gasway Corp., 6463 N. Ravenswood Ave.
General Cleaners Products Co., 410 N. Kedzie Ave. (S)
General Detroit Corp., 435 N. La Salle St.
General Dyestuff Corp., 731 Plymouth Court
General Luminescent Corp., 732 S. Federal St.
General Reduction Co., 330 S. Dearborn St.
GMC Truck & Coach Div., General Motors Corp., 1700 W. Pershing Rd.
Gilmer Co., L. H., Div. U. S. Rubber Co., 111 N. Canal St.
Glen Zip Co., 216 N. Clinton St.
Gliss'n Products Co., Inc., 1811 Indiana Ave.
Globe Weaving Co., 17 N. State St.
Golden-Anderson Valve Specialty Co., 400 W. Madison St.
Goodman & Co., A., 6211 Cottage Grove Ave. (E & S)
Graham Quality Dyers, 608 S. Tripp Ave.
Graton & Knight Co., 164 N. Wacker Dr.
Green Fire Brick Co., A. P., 122 S. Michigan Ave.
Hammel-Dahl Co., Monadnock Bldg., 53 W. Jackson Blvd., Room 1660
Haskelite Mfg. Corp., 3900 Field Bldg., 135 S. La Salle St.
Hatters' Supply House, Inc., 404 S. Wells St.
Heller & Co., B., 40th St. & Calumet Ave.
Hercules Powder Co., 332 S. Michigan Ave.
Hesse Co., Walter, 3624 N. Southport (S)
Hettrick Mfg. Co., Merchandise Mart
Hild Floor Machine Co., 740 W. Washington Blvd.
Hinz Needle Co., 10018 S. Rhodes Ave.
Hodge, Farwell & Co., 129 N. Sacramento Blvd.
Holt Mfg. Co., 154 Southwestern Ave.
Hoof Products Co., 6543 S. Laramie Ave.
Hope Webbing Co., 222 W. Adams St.
Horberg Laundry & Hotel Supply Co., 3136 W. Montrose (S)
Horn Co., Inc., H. C., 28 N. Racine Ave.
Houghton & Co., E. F., 3516 Shields Ave.
Howe Scale Co., 1325 S. Wabash Ave.
Hubinger Co., 134 N. La Salle St.
Hummell & Downing Co., 410 N. Michigan Ave.
Huntington Laboratories, Inc., 2025 W. North Ave.
Huron Milling Co., 160 E. Illinois St.
Ideal Industries, Inc., 600 W. Jackson Blvd.
Ilg Electric Ventilating Co., 2850 N. Crawford Ave.
Indiana Mfg. Co., Inc., 609 W. Lake St.
Infilco, Inc., 325 W. 25th Pl.
Ingersoll-Rand Co., 400 W. Madison St.
International Engineering, Inc., 407 S. Dearborn St.
International Harvester Co., 180 N. Michigan Ave.
International Tag & Salesbook Co., 319 N. Whipple St.
International Wire Hanger Mfg. Co., 3128 W. Lake St.
Iron Fireman Mfg. Co., 1101 W. Adams St.
Joe's Pressing Machine Service, 3628 N. Pulaski St. (E)
Johns-Manville, 222 N. Bank Dr.
Katz Bag Co., 6429 N. Western Ave.
Keckley Co., O. C., 400 W. Madison St.
Keel Co., H. C., 7236 N. Western Ave. (E)
Kennedy Car Liner & Bag Co., 400 W. Madison St.
Kenney Softener & Filter Co., 3322-24 Montrose Ave.
Kewanee Boiler Corp., 549 W. Washington Blvd.
Keystone Aniline & Chemical Co., Inc., 321 N. Loomis St. (S)
Keystone Laundry Machinery Co., 411 N. Oswego St.
Kidde & Co., Inc., Walter, 154 E. Erie St.
Kimball & Co., A., 705 W. Randolph St.
Kirk-Reed, Inc., 421 Winchester Ave.
Kletnick & Co., L., 8342 S. Prairie Ave.
Kohnstamm & Co., Inc., H., 11-13 E. Illinois St. (E & S)
Kwik Kover Sales Co., 410 N. Kedzie Ave.
Laundry Supply Co., Inc., 1305 W. 54th St. (S)
Lincoln Bag Co., Inc., 4200 W. Schubert Ave.
Lincoln-Schluetter Floor Machinery Co., Inc., 512 S. Peoria St.
Link-Belt Co., 300 W. Pershing Rd.
Louden Machinery Co., 565 W. Washington Blvd.
Lunkenheimer Co., 558-560 W. Randolph St.
McDonnell & Miller, Inc., 400 N. Michigan Ave.
Majestic Dye House, Inc., 3920 W. Armitage Ave.
Mallinckrodt Chemical Works, 128 N. Wells St.
Malman Mfg. Co., 3257 W. Chicago Ave.
Manahan, Inc., J. L., 2228 Wentworth Ave.
Mars Tool Co., 308 W. 37th St.
Marsh Corp., Jas. P., 2073 Southport Ave.
Martin Equipment Corp., 114 W. North Ave.
Martin Fan & Blower Co., 4634 W. 21st Pl.
Mason-Neilan Regulator Co., 435 N. Michigan Ave.
Master Products Co., 7000 S. Wentworth Ave.
Mathieson Chemical Corp., 410 N. Michigan Ave.
Maxant Button & Supply Co., 117 S. Morgan St.
Mehl Mfg. Co., 1742 E. 84th St.
Merchants Chemical Co., Inc., 435 N. Michigan Ave. (E & S)
Mercury Cleaning Systems, Inc., 549 W. Washington Blvd.
Mertz Co., L. Carlton, 1638 S. Normal Ave.
Messina Washing Fluid Co., 3946 W. Maypole
Mexico Refractories Co., 38 S. Dearborn St.
Meyercord Co., 5323 W. Lake St.
Midwest Laundry Machinery & Supply Co., 569 W. Van Buren St.
Miller, Frederick H., 2374 N. Elston Ave.
Miller Laundry Equipment Co., 2374 Elston Ave. (E)
Murray Mfg. Co., D. J., 43 E. Ohio St., Room 812
Myer Thread Mfg. Co., Henry, 319 W. Van Buren St.
National Airoil Burner Co., 1400 N. Halsted St.
National Aluminate Corp., 6215 W. 66th Pl.
National Aniline Div., Allied Chemical & Dye Corp., 357 W. Erie St.
National Cleaners Chemical Mfg. Co., 2807-11 W. Lake St.
National Starch Products, Inc., 3641 S. Washtenaw Ave.
Nice Ball Bearing Co., 545 W. Randolph St.
No-Darn Co., 618 N. Wells St.
Nuodex Products Co., Inc., 600 S. Michigan Ave.
Ohio Injector Co., 308 W. Washington Blvd.
Olson Filtration Engineers, Inc., 1624 N. Kilbourn Ave.
Orr & Sembower, Inc., 7910 S. Chicago Ave.
Osborn Bros., 223 W. Jackson Blvd.
O-So White Products Co., 3766 W. 38th St. (S)
Owens-Corning Fiberglas Corp., 3236 Pure Oil Bldg.
Paasche Airbrush Co., 1909 W. Diversey Parkway
Package Masters, 2325 S. Wabash Ave.
Paisley Products Inc., 1770 Canalport Ave.
Pantex Mfg. Corp., 179 W. Franklin St.
Para-Lux Products Co., 4158 W. Schubert Ave.
Parisian Novelty Co., 3510 S. Western Ave.
Patterson-Kelley Co., Inc., Railway Exchange Bldg.
Payson Mfg. Co., 2916 W. Jackson Blvd.
Pearl White Products Co., 3604 S. Morgan St.
Peerless Pump Div., Food Machinery Corp., M. C. Junkin Bldg., 4554 Broadway
Pennsylvania Salt Mfg. Co., 20 N. Wacker Dr.
Perelmutter & Co., Maurice, 918 Winona (S)
Perfex Corp., 510 N. Dearborn St.
Permutit Co., 407 S. Dearborn St.
Petroleum Heat & Power Co., 3301 S. California Ave.
Philadelphia Belting Co., 614 W. Lake St.
Photoswitch, Inc., 800 N. Clark St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 1721 Tribune Tower Bldg.
Pittsburgh Waterproof Co., 57 W. Grand Ave.
Pildrico Jointless Firebrick Co., 1800 Kingsbury St.
Powers Regulator, 2810 Greenview Ave.
Procter & Gamble Distributing Co., 53 W. Jackson Blvd.
Proctor & Schwartz, Inc., Seventh St. & Tabor Rd.
Prosperity Co., 612 N. Michigan St.
Prym, Inc., William, 223 W. Jackson Blvd.
Pyrene Mfg. Co., 444 N. Lake Shore Dr.
Quality Products Co., 3050 Montrose
Quigley Co., Inc., 545 S. Euclid Ave.
Ramsey Chain Co., Inc., 10624 S. Oglesby Ave.
Ramtite Co., Div. S. Obermayer Co., 2563 W. 18th St.
Randolph Laboratories, Inc., 8 E. Kinzie St.
Rapids-Standard Co., Inc., 20 N. Wacker Dr.
Recordak Corp., 137 N. Wabash Ave.
Refinite Corp., 1843 W. Farwell
Reliable Laundry Supplies, 525 W. 76th St. (S)
Reliance Electric & Engineering Co., 431 S. Dearborn St.
Republic Flow Meters Co., 2240 W. Diversey Parkway
Resillo Co., 2328 W. Nelson St.
Revere Copper & Brass, Inc., 2200 N. Natchez Ave.
Risdon Mfg. Co., 224 S. Michigan Ave.
Robot Laundry Machinery Corp. of California, 609 W. Lake St.
Rodin Machinery Co., Div. Rodin Bros., 930 E. 43rd St. (E & S)
Roots-Connersville Blower Corp., 122 S. Michigan Ave.
Rosenthal Mfg. Co., 5035 N. Kedzie Ave.
Ruberoid Co., 307 N. Michigan Ave.
Russell Mfg. Co., 549 E. Illinois St.
Sarco Co., Inc., 53 W. Jackson Bldg.
Savl Mothproofing Co., 410 N. Kedzie St.
Schaub Engineering Co., Inc., F. H., 2110 S. Marshall Blvd.
Schramm, Inc., 167 W. Wacker Dr.
Sellers Engineering Co., 4860 N. Clark St.
Shane Uniform Co., Inc., 43 E. Ohio St.
Silkrleen Mfg. Co., P. O. Box 512
Simmons Machine Co., Inc., 5118 Lincoln Ave.
Smith Mfg. Co., George, 1323 W. Carroll Ave.
Solvay Sales Div., Allied Chemical & Dye Corp., 1 N. La Salle St.
Southern Mills, Inc., 10-103 Merchandise Mart
Speare Co., 2235 S. Ford Ave. (E & S)
Speed Products Co., Inc., 188 W. Randolph St.
Spencer Turbine Co., 53 W. Jackson Blvd.
Staley Mfg. Co., A. E., 363 W. Ontario St.
Standard Oil Co. (Indiana), 20 N. Wacker Dr.
Standard Products Co., 1016 S. California
Star Service Hanger Div., L. A. Young Spring & Wire Corp., 6601 S. Oak Park
Stauffer Chemical Co., 221 N. La Salle St.
Steamaster Automatic Boiler Co., 39 S. LaSalle St.
Steam Engineering & Sales Co., 1818 W. 47th St. (E)
Steel Products Engineering Co., 1532 S. Michigan Ave.
Stein Co., Lawrence M., 815 W. Van Buren St. (E & S)
Steiner Sales Co., 225 W. Chestnut St.
Steinman Paper Co., 1302 N. Halsted Ave.
Stepan Chemical Co., 1353 N. Branch St. (S)
Stephens-Adamson Mfg. Co., 20 N. Wacker Drive Bldg.
Sterne & Maley Co., 3604 S. Morgan St. (S)
Stevenson, Jordan & Harrison, Inc., 205 W. Wacker Dr.
Stewart-Warner Corp., Alemite Corp., 1826 Diversey Parkway
Street & Co., Inc., B. R., 561 W. Monroe St.
Strong, Carlisle & Hammond Co., 1026 W. 50th St.
Sun-Brand Products Co., 1117 S. Pulaski St.
Superior Rug Machinery Co., 2738 N. Sheffield Ave.
Swift & Co., Union Stock Yards
Sylvania Div., American Viscose Corp., 111 N. Canal St.
Taco Heaters, Inc., 2530 Gunnison St.
Tagliabue Div., C. J., Portable Products Corp., 608 S. Dearborn St.
Thompson-Hayward Chemical Co., 121 W. Pershing Rd. (S)
Tingue, Brown & Co., 1227 Wabash Ave.
Titeflex, Inc., Room 202, Engineering Bldg., 205 W. Wacker Dr.
Toledo Scale Co., 2033 S. Michigan Ave.
Tork Clock Co., Inc., 1412 N. Wells St.
Triner Scale & Mfg. Co., 2714 W. 21st St.
Triplex Industries, Inc., 3601 S. Racine Ave.
Trojan Button Co., 216 W. Jackson Blvd.
Troy Laundry Machinery Div., American Machine & Metals, Inc., 310 S. Michigan Ave.
Turco Products, Inc., 125 W. 46th St.
United Autographic Register Co., 5000 S. California Ave.
U. S. Gauge Div., American Machine & Metals, Inc., 53 W. Jackson Blvd.
U. S. Gutta Percha Paint Co., 444 W. Grand Ave.
U. S. Hoffman Machinery Corp., 535 S. Franklin St.
U. S. Stoneware Co., 20 N. Wacker Dr.
Valdura Div., American Marietta Co., 43 E. Ohio St.
Valhalla Co., 231 S. La Salle St.
Veeder-Root, Inc., 549 Washington Blvd.
Velocity Steam Production Engineering, 38 S. Dearborn St.
Victor Chemical Works, 141 W. Jackson Blvd.
Viking Pump Co., 549 W. Washington Blvd.
Wagner Sign Service, Inc., 212 S. Hoyne Ave.
Walworth Co., 224 S. Michigan Ave.
Westinghouse Electric Corp., Lamp Div., 20 N. Wacker Dr.
Weston Electrical Instrument Corp., 205 W. Wacker Dr.
Westvaco Chemical Div., Food Machinery & Chemical Corp., 141 W. Jackson Blvd.
White Laundry & Cleaners Supply Co., 2241 S. Wentworth Ave.
Whitlock Mfg. Co., 37 W. Van Buren St.
Williams & Sons, I. B., 180 N. Wacker Dr.
Wizard Weavers, Inc., 30 N. Michigan Ave.
Wolf Machine Co., 551 W. Van Buren St.

(Continued on next page)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Chicago *(Continued)*

Wolff Co., Robert L., 609 W. Lake St. (E)

In Chicago It's
DRYCLEANING and LAUNDRY EQUIPMENT
From
ROBERT L. WOLFF COMPANY
See us at
Booths 315 & 515 N.I.C.D. Convention
609 W. Lake Street Chicago, Illinois

Wood Conversion Co., 360 N. Michigan Ave.
Worthington Pump & Machinery Corp., 400 W. Madison St.
Wyandotte Chemicals Corp., 435 N. Michigan Ave.
Yarnall-Waring Co., 510 N. Dearborn St.
Yeomans Bros. Co., 1433 N. Dayton St.
Zephyr Laundry Machinery Co., 212 E. Erie St.
Zero Water Softener Mfg. Co., 4985 Elston Ave.

DANVILLE

Mar-Mak Machinery Mfg. Co., 626 N. Logan Ave.

DECATUR

Black & Co., 123 E. North St. (S)
Cash Co., A. W., 530 N. 18th St.
Decatur Pump Co., 2750 Nelson Pk. Rd.
Staley Mfg. Co., A. E., Eldorado & 22nd Sts.
Standard Oil Co. (Indiana), 101 Cerro Gordo St.

EAST ALTON

Jacobs Pressing Machinery Co., 349 W. Main St. (E)

EAST MOLINE

Dellotherat Fans Div., American Machine & Metals, Inc.
Troy Laundry Machinery Div., American Machine & Metals, Inc.

EAST ST. LOUIS

Doug & Co., M. L., 205 St. Clair Ave. (E & S)
Ernest Mfg. Co., F. P., 1112 St. Clair Ave.

ELGIN

Elgin Softener Corp., 150 N. Grove Ave.

EVANSVILLE

Drake Supply Co., 108 N. Elliott St.
Lally Co., R., 516 Kodne St. (E & S)

GLENVIEW

Rassenfoss Bag Co., Inc., 1904 Grove St.

HARVARD

Lanning Bag & Specialty Co., 205 Front St.

HARVEY

Buda Co., 154th & Commercial Aves.

HERRIN

Neon Signs Co., Inc., House of Plastics Div., N. 14th at Taylor

JOLIET

Standard Oil Co. (Indiana), 451 E. Cass St.

KEWANEE

Kewanee Boiler Corp., Franklin St.

LA GRANGE

Temple Co., A. B., 308 W. Burlington

LYONS

Paulin Products Co., 4444-46 Lawndale Ave.

MAYWOOD

Chicago Metal Hose Corp., 1315 S. Third Ave.

MENDOTA

Conco Engineering Works, Div. H. D. Conkey & Co., 1900 Orange St.

MOLINE

Berry Co., J. R. 2002 Second St., (E & S)
Link-Belt Co., 1608 Fifth Ave.
Neshouse Paper Co., 1525 Third Ave. (S)
Steghuller, H., 2003 24th Ave. (E)

MORRIS

Keck, Albert, 329 E. Jefferson St. (E)

NORTHBROOK

Culligan Zeolite Co., 1810 Shermer Ave.

OAK PARK

Hub Printing Services, 320 N. Euclid Ave.
Perfection Products Co., 301 South Blvd.

OREGON

Bressler Eng. Service, 509 N. Fourth St.
Kol Master Corp., First & Madison Sts.

PEORIA

Bemis Bro. Bag Co., P. O. Box 568
Benner Chemical Co., 800 S. Adams (S)
Bildwel Manufacturers, 144 High St.
Kewanee Boiler Corp., 103 Farmington Rd.
Laidlaw Wire Co., W. A.
McKesson & Robbins, Inc., 812 S. Washington (S)
Standard Oil Co. (Indiana), 414 Hamilton St.
Tiffan & Co., P. O. Box 68 (E & S)
U. S. Hoffman Machinery Corp., First National Bank Bldg., Room 423

QUINCY

Gardner-Denver Co., Gardner Dr.

ROCHELLE

Keimaker Mfg. Co., 311 Sixth Ave.

ROCKFORD

Allegheny-Ludlum Steel Corp., 130 S. Second St.
Black & Co., 431 W. State St.
Crane Co., 800 S. Main St.
Cutler-Hammer, Inc., 1404 N. Main St.
Eclipse Fuel Engineering Co., 801 S. Main St.
Hager Bros., 321 N. Water St.
Industrial Oil & Chemical Co., 1227 22nd St.
Reliance Electric & Engineering Co., 1118 Rockford Trust Bldg.
Tagit Co., 1212 11th St.

ROCK ISLAND

Carman & Co., Mace Div., 2925 Fourth Ave. (E & S)
McKesson & Robbins, Inc. 112 19th St. (S)
Rickes & Sons, S., 1612 First Ave. (E)
Roth Co., Roy E., 2430 Fourth Ave.

SPRINGFIELD

Black & Co., 214 E. Adams St. (S)
Crane Co., 921 E. Monroe St.
Springfield Boiler Co.

ST. CHARLES

Burgess-Berliner Associates, 214 S. First St.
Stover Water Softener Co., Stover Bldg.

WAUKEGAN

Crane Co., 1219 Glen Rock Ave.

INDIANA

ANDERSON

Forse Corp., W. 12th St.

BRAZIL

Continental Car-Na-Var Corp., Box 344

CAMBRIDGE CITY

Bertsch & Co., Inc.

CONNERSVILLE

Roots-Connersville Blower Corp., 900 W. Mount St.
United Vacuum Appliance Corp., 150 S. Central Ave.

CRAWFORDSVILLE

Lewis-Shepard Products, Inc.

EAST CHICAGO

Crane Co., 1004 Chicago Ave.
Edward Valves, Inc., Subsidiary Rockwell Mfg. Co., 1206 W. 145th St.
Graver Tank & Mfg. Co., Inc., 4809 Tod Ave.

EVANSVILLE

Automatic Heating & Sales Co., 1220 E. Columbia (E)
Crane Co., 118 S. Eighth St.
Drake Supply Co., 108 N. Elliott St. (E & S)
Farrington Laundry & Drycleaning Machinery Co., 520 Lewis Ave. (E)
Leich & Co., Charles, 420 N. W. Fifth St. (E & S)
Shane Uniform Co., Inc., 2013 W. Maryland
Standard Oil Co. (Indiana), 820 Division St.

FORT WAYNE

American Mineral Spirits Co., Maumee Ave. & Beuter Rd.
Bowser, Inc., 1312 E. Creighton Ave.
General Aniline & Film Corp., Special Products Sales Div., 121 E. Main St.
Kunkle Valve Co., 119 S. Clinton St.
Wayne Pump Co., 524 Tecumseh St.

GARY

Reliance Electric & Engineering Co.

HAMMOND

Indiana Dye House, 122-126 State St.

HUNTINGTON

Atlantic Stainproof Co., Inc., 901 E. Tipton St.
Huntington Laboratories, Inc., 900-970 E. Tipton St.

INDIANAPOLIS

Allegheny-Ludlum Steel Corp., 834 Circle Tower Bldg.
Allis Co., Louis, Architects & Builders Bldg., 333 N. Pennsylvania St., Room 932
American Mineral Spirits Co., 1650 Luett Ave.
Anderson-Prichard Oil Corp., 3206 Martindale Ave.
Armour & Co., 602 Ray
B & G Machinery Co., 2432 Southeastern Ave. (E)
Bemis Bro. Bag Co., 1940 Barth Ave.
Benner Chemical Co., 330 W. New York (S)
Berger Mfg. Div., Republic Steel Corp., 800 Circle Tower
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 729 N. Pennsylvania Ave.
Carey Mfg. Co., Philip, 1111 E. 19th St.
Carver Pump Co., 4017 Washington Blvd.
Cherry Co., R. M., 106 E. Market St. (E)
Chief Mfg. Co., 806 Beecher St.
Clark Chemical & Supply Co., Inc., Box 5726 (S)
Crane Co., 333 W. Market St.
Crescent Paper Co., 211 W. Georgia St. (S)
Cutler-Hammer, Inc., 241 N. Pennsylvania St.
Dean Hill Pump Co., 4000 E. 16th St.
Diamond Chain Co., Inc., 402 Kentucky Ave., Dept. 442
Elder Pressing Machine Co., Inc., 651 Massachusetts St. (E & S)
Electric Storage Battery Co., 1015 Architects & Builders Bldg.
Fafnir Bearing Co., 333 N. Pennsylvania St.
Franklin Research Distributors, Inc., 330 W. New York St.
General Dyeing Co., 818 Dorman St.
Hoosier Solvents & Chemical Corp., 1650 Luett St. (S)
International Metal Polish Co., 1910 Quill St.
Janton Co., 125 N. Davidson St.
Kewanee Boiler Corp., 31 E. Georgia St.
Kohnstamm & Co., Inc., H., 318 W. Georgia St. (E & S)
Lining Store, 17 E. Ohio St. (S)
Link-Belt Co., 519 N. Holmes Ave., 220 S. Belmont Ave.
Lynn Chemical Co., Inc., William, 129 N. Davidson St. (S)
Marmon-Herrington Co., Inc., 1511 W. Washington St.
Old Soap & Chemical Co., 521 W. McCarty St. (E & S)
Paisley Products, Inc., 3932 Central Ave.
Procter & Gamble Distributing Co., Merchant Bank Bldg., 11 S. Meridan St.
Rapids-Standard Co., Inc., 320 Chamber of Commerce Bldg.
Republic Flow Meters Co., Roosevelt Bldg.
Revere Copper & Brass, Inc., Circle Tower
Schwitzer-Cummins Co., 1145 E. 22nd St.
Standard Oil Co. (Indiana), 137 W. 31st.
Stierwalt & Hanson, 17 E. Ohio St. (S)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Stovall & Associates, Inc., 520 E. Market St. (E)

STOVALL & ASSOCIATES INC.
520 East Market St.
Indianapolis, Ind.
Fine Dry Cleaning & Laundry Equipment
Boilers—Good Used Equipment
24 Hour Telephone Franklin 2567

U. S. Hoffman Machinery Corp., 3939 Parker Court
Viking Pump Co., 207 Pennway Bldg.
Wyandotte Chemicals Corp., 809 Security Trust Bldg.

LEBANON

Robinson's Weaving System
U. S. Machine Corp.

MADISON

Meese, Inc., 108 S. Michaels Ave.

MISHAWAKA

U. S. Rubber Co., Koylon Div., 407 N. Main St.

MUNCIE

Anderson & Clark, 112 N. Vine St. (E)
Crane Co., 342 N. Pershing Dr.

NEW ALBANY

Indiana Mfg. Co., Inc., 1900 E. Main St.
Wolke Co., A. F., 1902-10 Silver St.

PERU

Bryan Steam Corp., State Rd. 19

SHELBYVILLE

Kennedy Car Liner & Bag Co., Rodell & Prospect Sts.

SOUTH BEND

Campbell Box & Tag Co., Main & Starch Sts.
Crane Co., 1616 S. Franklin St.
Cutler Hammer, Inc., 108 N. Main St.
R & R Distributing Co., 312½ S. Michigan St. (E)
Standard Oil Co. (Indiana), 221 W. Wayne St.
Studebaker Corp.

TERRE HAUTE

Crane Co., 209 N. Ninth St.
Wienand, Charles, 1335 N. Seventh St. (S)

IOWA

BURLINGTON

Iowa Soap Co., 816 Valley St.
McKesson & Robbins, Inc. (S)
Western Laundry Supply Co. (S)

CEDAR FALLS

Viking Pump Co., Fourth & Newman Sts.

CEDAR RAPIDS

Lattner Mfg. Co., P. M., 1411 Ninth St., S. E.
McKesson & Robbins, Inc., 900 Second St. S. E. (S)

CLINTON

Clinton Foods Inc.

DAVENPORT

Allis Co., Louis, P. O. Box 892
Armour & Co.
C. O. D. Cleaning & Dyeing Co., 1430 Harrison St.
Crane Co., 217 E. Second St.
Cutler-Hammer, Inc., 220 Main St.
Rapids-Standard Co., Inc., 320 E. Fourth St.
Thompson-Hayward Chemical Co., 1747 W. First St. (S)

DES MOINES

Barton Naphtha Co., 116 Forest Ave. (S)
Carman & Co., Mace Div., 1339 44th St. (E & S)
Cotton Products Co., 515 Fifth St. (S)
Culligan Zeolite Co., 430 E. Grand Ave.
Franklin Research Distributors, Inc., 824 Mulberry St.
Hawkeye Revolving Ironer Co., 1002 Bankers Trust Bldg.
Kahn Supply House, 916 Locust St. (E & S)
Kewanee Boiler Corp., 404 Hubbell Bldg.
Langan Paper Co., 120 Third St. (S)
Mace Co., L. R., 1339 44th St. (S)
McKesson & Robbins, c/o Blue Line Storage, 226 Elm St. (S)
Newhouse Paper Co., 1915 Grand Ave. (S)
Pneumatic Engineering & Sales, 1010 Des Moines Bldg.
Riekes & Sons, S., 444 S. W. Fifth St. (E)
Standard Oil Co. (Indiana), 600 Third St.
Thompson-Hayward Chemical Co., S. W. First & Granger (S)
U. S. Hoffman Machinery Corp., 3846 Ninth St.

DUBUQUE

Newhouse Paper Co., 136 Main St. (S)

FAIRFIELD

Louden Machinery Co., 1402 Broadway

GEORGE

Siebring Mfg. Co.

KEOKUK

Hubinger Co., 601 Main St.

MASON CITY

Standard Oil Co. (Indiana), 109 Third St., N.W.

MUSCATINE

Carver Pump Co., Hershey & Green Sts.

SIOUX CITY

Crane Co., 223 Jackson St.
Kennedy & Parsons Co., 302 Wall St. (E & S)
McKesson & Robbins, Inc., 304 Pearl St. (S)

WATERLOO

Ramtite Co., Div. S. Obermayer Co., P. O. Box 505

KANSAS

HUTCHINSON

Carey Salt Co., Carey Bldg.
Superior Boiler & Supply Co., 3406-14 E. Fourth St. (E & S)

KANSAS CITY

Colgate-Palmolive-Peet Co., Packers Station
Laundry & Chemical Supply Co., Inc., 1739 Walnut St. (E & S)

PITTSBURG

Pittsburg Chemical Co., 109 W. Jackson Ave. (E & S)

SALINA

Bemis Bro. Bag Co., Box 417

WICHITA

Bemis Bro. Bag Co., P. O. Box 1482
Carman & Co., Inc., E. First St. (E & S)
Crane Co., 624 E. First St.
Diamond Alkali Co., 306 W. Second St.
Kewanee Boiler Corp., P. O. Box 2253
Laundry & Chemical Supply Co., Inc., United Warehouse, 800 E. First St. (E & S)
Red Supply Co., 212 N. Waco (S)
Riekes & Sons, S., 517 S. St. Francis (E)
Standard Oil Co. (Indiana), 715 E. 10th St.
Thompson-Guthrie Chemical Co., 710 E. 13th St.
Thompson-Hayward Chemical Co., 727 E. Osie (S)
Warren-Douglas Chemical Co., 408 E. 21st St. (S)
Whitney Paper Co., 126 N. Wichita (S)
Wichita Precision Tool Co., Inc., 450 N. Seneca

WINFIELD

Take-Care Mfg. & Sales Co., P. O. Box 855

KENTUCKY

COVINGTON

B & G Machinery Co., 1134 Audubon Rd.

HENDERSON

Anderson Box & Basket Co., Inc.
Kentucky Box & Truck Co., Fourth & Alvasia Sts., P. O. Box 453

LEXINGTON

Crane Co., 165 Midland Ave.
Flynn, D. C., 227 McDowell Rd. (S)

LOUISVILLE

Archer Chemical & Supply Corp., 315 W. Main St. (E & S)
Armour & Co.
Baer, A., 622 W. Market St. (S)
Bemis Bro. Bag Co., 664 Stark Bldg., Fourth & Walnut Sts.
Burn, Serge A., Heyburn Bldg.
Caldwell Co., W. E., Inc., 2050 Brook St.
Carey Mfg. Co., Philip, 1032-1044 S. Eighth St.
Cissell Mfg. Co., Inc., W. M., P. O. Box 1143, 831 S. First St.
Cyclotherm Corp., 327 Fincastle Bldg.
Elder Laundry & Drycleaning Machinery, 724½ W. Chestnut St. (E)
Electromatic Engineering Co., 653 S. Second St.
Farrington Laundry & Drycleaning Machinery Co., Puritan Apts. (E)

FARRINGTON LAUNDRY AND DRY CLEANING MACHINERY CO.
Distributor of
Nationally Known Equipment
520 Lewis Avenue, Evansville, Indiana, Phone 3-9223
Puritan Apartments, Louisville, Kentucky, Phone MA. 8300

Gans Chemical & Supply Co., 519 W. Main St. (E & S)
Gulf Oil Corp., Gulf Refining Co., 1901 S. Seventh St.
Jefferson Island Salt Co., Inc., Columbia Bldg.
Link-Belt Co., 1195 Starks Bldg.
Merchants Chemical Co., Inc., 1301 W. Jefferson St. (E & S)
Pessler-Gaulbert Corp., 15th & Lytle Sts. (S)
Procter & Gamble Distributing Co., Washington Bldg., Fourth & Market Sts.
Rainbow Dye Works, 109 S. 16th St.
Rapids-Standard Co., Inc., 124 S. First St.
Stry-Lenkoff Inc., 815 E. Market St.
Swikert Co., H., 415 E. Woodlawn (S)
Wizard Weavers, Inc., Starks Bldg.
Yarbrough Supply Co., 908 Mason St. (E & S)

OWENSBORO

Modern Sign Co., 810 McGill Ave.

TAYLORSVILLE

Theobald Industries

LOUISIANA

ALEXANDRIA

Louisiana Paper Co., Ltd., P. O. Box 1094 (S)

BATON ROUGE

Louisiana Paper Co., Ltd. (S)

MONROE

Louisiana Paper Co., Ltd., Box 1742 (S)

NEW ORLEANS

Adams Laundry Machinery Co., 6108 Magazine St. (E)
American Coolair Corp., 231 Phosphor Ave.
American Mineral Spirits Co., 1304 Jefferson Highway
Armour & Co.
Armstrong Machinery Co., 101 Baronne St. (E)
Bemis Bro. Bag Co., 330 Notre Dame St.
Crane Co., 710 S. Broad St.
Crawford Co., Inc., 305 N. Peters St.
Cutler-Hammer, Inc., 835 Howard Ave.
Dicalite Div., Great Lakes Carbon Corp., Canal Bldg.
Dreyfus, Max M., 618 Baronne St. (E & S)
Eagle Supply Co., 3412-16 Washington Ave. (S)
Electric Storage Battery Co., 406 Industries Bldg.
Green Fire Brick Co., A. P., 8243 Plum St.
Gulf Oil Corp., Gulf Refining Co., Maison Blanche Bldg.
Hose Scale Co., 219 Tchoupitoulas St.
Imperial Dye House, 3421 Tulane Ave.
Ingersoll-Rand Co., 410 Camp St.
Johns-Manville, 610 Poydras St.
Kewanee Boiler Corp., 816 Howard Ave., 309 Jahncke Bldg.
Kohnstamm & Co., Inc., H., 519 Poydras St. (E & S)
Link-Belt Co., 747 Tchoupitoulas St.
National Starch Products, Inc., 1200 S. Front St.
Nundex Products Co., Inc., 411 Bienville St.
Paisley Products, Inc., 210 Walter Bldg.
Pellerin Laundry Machinery Sales Co., 1331 St. Charles Ave. (E)
Pellerin Milnor Corp., 8000 Edinburgh St.
Permutit Co., 7826 St. Charles Ave.
Procter & Gamble Distributing Co., Queen & Crescent Bldg., 344 Camp St.
Prosperity Co., Inc., 539-541 Dryades St.
Ramelli, Rudolph, Inc., 1700 Poydras (S)

RUDOLPH RAMELLI, INC.
Leading Cleaners Supply House in the Deep South
Qualified by over 34 years experience
Branches in Little Rock and Memphis
For prompt service phone RAymond 6188
P.O. Box 51, New Orleans 6, La.

(Continued on next page)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

New Orleans (*Continued*)

Recordak Corp., 1007 Camp St.
Reliable Machinery Co., 232 S. Pierre St. (E)
Solomon, Ben A., 823 S. Rampart St. (E)
Solvay Sales Div., Allied Chemical & Dye Corp., 1107 Pere Marquette Bldg.
Thompson-Hayward Chemical Co., P. O. Box 658, Station F (S)
U. S. Hoffman Machinery Corp., 820 Howard Ave.
Willington Sears Co., Rooms 1128-1129, Whitney Bldg., 228 St. Charles St.
Worthington Pump & Machinery Corp., 308 Whitney Bldg.

SHREVEPORT

Cleaners & Laundry Equipment Co., 518 Lake St. (E)
Crane Co., 1320 Winston St.
Louisiana Paper Co., Ltd., Market & Crockett Sts. (S)

MAINE

BANGOR

A. Q. S. Sales Co., 26 Harlow St. (E)

CAPE ELIZABETH

Kewanee Boiler Corp., 46 Forest Rd.

LEWISTON

Polar Chemical Co., 144 Howe St. (E & S)

Servicing **MAINE** Exclusively
SUPPLIES — EQUIPMENT
Tel.: 4-6993
POLAR CHEMICAL COMPANY
144 Howe St., Lewiston, Maine

PORTLAND

Crane Co., 70 St. John St.

WATERVILLE

Elm City Garment Machinery Co., 74 Elm St.

MARYLAND

BALTIMORE

A. H. Y. Color & Chemical Co., Inc., 4015 Hollewood Ave. (E & S)
Allen Billmyre Div., Lamson Corp., 100 N. Eutaw St.
American Laundry Machinery Co., 210 E. Redwood St., Room 504
Armour & Co., Union Stock Yards
Autographic Register Co., 110 W. Fayette St.
Ballard & Co., W. P., 210 Key Highway (E & S)
Baltimore Specialties Co., 419 W. Baltimore St.
Bemis Bro. Bag Co., 110 W. Fayette St.
Berger Mfg. Div., Republic Steel Corp., 100 W. 22nd St.
Blackmer Pump Co., 14 S. Calverton Rd.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 231 E. North Ave.
Cohen & Sons, Isaac M., 419 W. Baltimore St. (E & S)
Columbia Boiler Co., 888 Ingleside Ave., Catonsville
Crane Co., 628 W. Pratt St.
Cutler-Hammer, Inc., 10 W. Chase St.
Dicalite Div., Great Lakes Carbon Corp., Munsey Bldg.
Eaton & Lynch Co., 301 Holliday St.
GMC Truck & Coach Div., General Motors Corp., 600 S. Caroline
Guthe Specialty Co., Inc., 3201 Irene (S)
Hooper & Sons, Co., Wm. E., Woodberry
Howard Co., B. J., 327 Guilford Ave. (S)
Howe Scale Co., 1120 E. 25th St.
Hubbs & Corning Co., 404 S. Eutaw St.
Johnson Chemical Industries, Inc., Dayton Rd.
Kewanee Boiler Corp., 2301 N. Charles St.
Kohnstamm & Co., Inc., H., 315 Guilford Ave. (E & S)
Link-Belt Co., 612 Keyser Bldg.
Lord Dye Works, Inc., 3128 Dillon St.
Louden Machinery Co., 33 S. Gay St.
Maryland Chemical Co., Russell & Barnard Sts. (S)
Mathieson Chemical Corp., Mathieson Bldg.
Mississippi Paper Co., 304 S. Hanover St. (S)
Morris & Eckels Co. (Carman & Co.), 400 S. Eutaw St. (E & S)
Murray Mfg. Co., D. J., Stock Exchange Bldg.
National Dye Works, Inc., 3313 Washington Blvd.
Petroleum Heat & Power Co., 413 W. North St.
Procter & Gamble Distributing Co., 1101 Baltimore Trust Bldg., Baltimore & Light Sts.
Revere Copper & Brass, Inc., P. O. Box 2075, 1301 Wyoman St.
Ruberoid Co., Ponca St.
Sauerbrey, Fred W., 603 Stevenson Lane (E)
Segall Machinery Co., 700 W. West St. (E)
Stadham Co., Inc., 603 S. Fulton Ave. (E & S)
Sunshine Soda Co., Inc., Bromo Seltzer Tower Bldg. (S)
Taylor & Co., W. A., 7300 York Rd.
U. S. Hoffman Machinery Corp., 423 W. Baltimore St.
Winter, Joe L., 201 S. Hilton St. (E)
Woolle, Albert B., 914-915 E. Baltimore St. (E & S)
Worthington Pump & Machinery Corp., 210 E. Saratoga St.
Wyandotte Chemicals Corp., 654 O'Sullivan Bldg.

BRENTWOOD

Caled Products Co., Inc., 4200 Bladenburg Blvd.

DANIELS

Daniels, C. R., Inc.

HAGERSTOWN

Antietem Paper Co. (S)

HYATTSVILLE

Taco Heaters, Inc., 6003 41st St.

SILVER SPRING

Allen & Vickers, Inc., 317 Williamsburg Dr. (E & S)
National Institute of Cleaning & Dyeing

MASSACHUSETTS

AMESBURY

Northeastern Soap & Chemical Co., Clinton St.

AYER

Chandler Machine Co., West St.

BOSTON

Adra Machine Co., 227 Harrison Ave. (E)
Allen Billmyre Div., Lamson Corp., 79 Milk St.
Alles Supply Co., 88 St. Stephen
American Aniline Products, Inc., 190 High St.
American Brake Shoe Co., Kellogg Div., 700 Statler Bldg.
American Felt Co., 211 Congress St.
American Heat Corp., 80 Boylston St.
American-La France-Foamite Corp., 28 Brighton Ave.
American Laundry Machinery Co., 27 Trinity Pl.
American Mineral Spirits Co., 60 Foley St.
American Sterilizer Co., 131 Clarendon
American Writing Ink Co., Inc., 15 Hathaway St.
Arabol Mfg. Co., 12 Commercial Wharf
Armour & Co., 21 S. Market
Arnold-Hoffman & Co., Inc., 88 Broad St.
Autographic Register Co., 30 Huntington Ave.
Bailey Meter Co., 1108 Public Service Bldg., 89 Broad St.
Baker Chemical Co., J. T., 43 Newbury St.
Bay State Garment Machine Co., 252 Harrison Ave. (E)
Bemis Bro. Bag Co., 40 Central St.
Berger Mfg. Div., Republic Steel Corp., 307 Dorchester Ave.
Better Equipment Co., 55-57 Hudson St.
Boston Clip & Tag Co., 178 Atlantic Ave.
Bowser, Inc., 43 Leon St.
Brewer & Co., Inc., 131 State St.
Bullis Mfg. Co., Inc., 27 School St.
Bristol Co., Statler Bldg.
Calgon, Inc., 49 Federal St.
Calloway Milk Inc., 38 Chauncy St.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 137 Newbury St.
Carer Mfg. Co., Philip, 267 Medford St.
Carman Mitchell Wing Co., 33 Norfolk Ave. (E & S)
Chicago Metal Hose Corp., 10 High St.
Colson-Merriam Co., 459 Statler Bldg.
Columbia Boiler Co., 55 Hudson Ave.
Continental Car-Na-Var Corp., 751 Little Bldg.
Cooper, Inc., Harry G., 342 Newbury St. (E)
Crane Co., 48 First St., South Boston
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 127-131 Clarendon St.
Cronkhite, Inc., Leonard, 74 Granite St.
Crosby Steam Gage & Valve Co., 10 Roland St.
Cutler-Hammer, Inc., 131 Clarendon St.
Daniels, Inc., C. R., 131 State St.
DeBothezat Fans Div., American Machine & Metals, Inc., Park Square Bldg.
Detecto Scales, Inc., 133 N. Washington St.
Detex Watchclock Corp., 23 Beach St.
Diamond Alkali Co., 80 Federal St.
Dicalite Div., Great Lakes Carbon Corp., Park Square Bldg.
Diehl Mfg. Co., Electrical Div., Singer Mfg. Co., 240 Congress St.
Diveo Corp., 1113 Commonwealth Ave.
Dover Stamping Co., 80 Federal St.
Dow Chemical Co., 20 Providence St.
Dravo Corp., 79 Milk St.
Drissel Co., 251 Causeway St.
Drew & Co., Inc., E. F., Chamber of Commerce Bldg.
Electric Storage Battery Co., 100 Ashford St.
Elliott Co., 1 Federal St.
Engineer Co., 127 Federal St.
Everett Paper & Laundry Supply Co., 42 Ferry St. (S)
Fulmer Bearing Co., 169 Brighton Ave.
Flaherty Co., Thomas J., 258 Park Square Bldg.
Franklin Research Distributors, Inc., 287 Atlantic Ave.
Garlock Packing Co., 80 Broad St.
Garment Machinery Co., 374 Tremont St. (E)
Gates' Laundry & Cleaners Supplies, Inc., 107 W. Canton St.
General Dyestuff Corp., 255 Atlantic Ave.
GMC Truck & Coach Div., General Motors Corp., 103 N. Beacon St.
Gerritson, L. H., 5 Riverside Ave.
Gould Pumps, Inc., 100 Boylston St.
Gulf Oil Corp., Gulf Refining Co., Box R, Back Bay
Gustin-Kramer Co., 74-80 Cummington St.
Henrici Laundry Machinery Co., Henrici St.
Hercules Powder Co., Statler Bldg.
Holt Mfg. Co., 799 Huntington Ave.
Horn Co., Inc., A. C., Park Sq. Bldg.
Howe Scale Co., 40 Purchase St.
Hubinger Co., 192 State St.
Hughes Co., 4 Liberty Sq. (E & S)
Ideal Industries, Inc., 183 Devonshire St.
Ingersoll-Rand Co., 285 Columbus Ave.
International Boiler Works Co., 1111 Boylston St.
Johns-Manville, 49 Federal St.
Kewanee Boiler Corp., 127 Federal St.
King Co., Inc., E. & F., 405 Atlantic Ave.
Kohnstamm & Co., Inc., H., 11 Elkins St., South Boston (E & S)
Lewis National Corp., 29 Sleeper St. (E & S)
Link-Belt Co., 136 Brookline Ave.
Louden Machinery Co., 619 Little Bldg.
Lunkenheimer Co., 291-293 Congress St.
M. & R. Machinery Corp., 233 Harrison Ave. (E)
McLeod & Henry Co., Inc., 751 Little Bldg.
Mann & Co., Inc., Geo., 250 Stuart St.

GEORGE MANN & CO., Inc.
DOW SOLVENTS
Dowclene — Perchlorethylene
Trichlorethylene — Carbon Tetrachloride
105 CENTRAL STREET
STONEHAM, MASSACHUSETTS
Winchester 6-2810

Mason-Neilan Regulator Co., 1190 Adams St.
Mechanics Laundry Machinery Co., 38 Kemble St. (E)
Midland Color & Chemical Co., Inc., 312 Congress St.
National Aniline Div., Allied Chemical & Dye Corp., 150 Causeway St.
National Marking Machine Co., 93 Massachusetts Ave.
National Starch Products, Inc., 15 Elkins St.
North American Electric Lamp Co., 43 Leon St.
Olson Corp., J. B. E., 1105 Commonwealth Ave.
Orr & Sembower, Inc., 912 Beacon St.
Owens-Corning Fiberglas Corp., 1033 Park Square Bldg.
Paasche Airbrush Co., 80 Federal St.
Package Chemical Co., Inc., 218 W. First St. (S)
Paisley Products, Inc., 79 Milk St.
Patterson-Keller Co., Inc., 98-A Huntington Ave.
Perfex Corp., 131 Clarendon St.
Permutit Co., 700 Statler Bldg.
Petroleum Heat & Power Co., 419 Boylston St.
Philadelphia Belting Co., 139 High St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., Little Bldg.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Poland Laundry Machinery Co., 47 Kemble St.
Preferred Utilities Mfg. Corp., 839 Beacon St.
Procter & Gamble Distributing Co., Marshall Bldg., 40 Central St.
Rapids-Standard Co., Inc., 133 N. Washington St.
Recordak Corp., 147 Summer St.
Reliance Electric & Engineering Co., 285 Columbus Ave.
Republic Flow Meters Co., 201 Devonshire St.
Revere Copper & Brass, Inc., 140 Federal St.
Robot Laundry Machinery Corp. of California, 29 Sleeper St.
Savern Products Co., 21 Webster St., East Boston (S)
Solvay Sales Div., Allied Chemical & Dye Corp., 45 Milk St.
Staley Mfg. Co., A. E., 803 Summer St.
Stephens-Adamson Mfg. Co., Park Square Bldg.
Sunshine Soda Co., Inc., 80 Federal St. (S)
Superior Products Co., 148 Pearl St. (S)
Sylvania Div., American Viscose Corp., 201 Devonshire St.
Taglabue Div., C. J., Portable Products Corp., 528 Old South Bldg.
Titeflex, Inc., 40 Federal St.
United Machinery Co., 589 Pleasant St. (E)
U. S. Gauge, Div. of American Machine & Metals, Inc., 80 Boylston St.
U. S. Gutta Percha Paint Co., 51 Portland St.
U. S. Hoffman Machinery Corp., 6 Columbus Ave.
Universal Blue Co., 31 Charles St.
Virginia Smelting Co., 131 State St.
Walton Trunk Co., 210 South St.
Walworth Co., 800 First St.
Walworth Co., 430 Summer St.
Wellington Sears Co., 220 Devonshire St.
Westinghouse Electric Corp., Lamp Div., 10 High St.
Whitlock Mfg. Co., 6 Beacon St.
Wilbur & Williams Co., Greenleaf & Leon Sts.
Wolf Machine Co., 144 Harrison Ave.
Wood's Sons Co., T. B., 387-391 Atlantic Ave.
Worcester Salt Co., 148 State St.
Wormstead, Smith & Loomis, Inc., 77 Washington St., N.
Worthington Pump & Machinery Corp., 10 High St.
Wyandotte Chemicals Corp., 1113 Statler Bldg.
Yarnall-Waring Co., 80 Federal St.

BROOKLINE

Bumtite Co., Div. S. Obermayer Co., 70 Pearl St.

CAMBRIDGE

Acme Soap Co., 251 Third St.
Allcraft Mfg. Co., Inc., 27 Hayward St.
Ashton Valve Co., 161 First St.
Blackmer Pump Co., 238 Main St.
Carter's Ink Co., 239 First St.
Combustion Control Corp., 77 Broadway
Fitzsimmons, Inc., Wm. G., 2223 Massachusetts Ave. (S)
Garment Finishing Equipment Corp., 18 Brattle St.
Passage Chemical Co., Inc., 199 Bridge St. (S)
Paisley Products, Inc., Longfellow Rd.
Photoswitch, Inc., 77 Broadway
Starr Soap & Chemical Co., 139 Main St.
Strong, Carlisle & Hammond Co., 143 Broadway

CANTON

Knitted Padding Co., 105 Chapman St.

DORCHESTER

Goldfarb, I., 1068 Bluehill Ave. (S)

EAST PEPPERELL

Bemis Bro. Bag Co.

EAST WALPOLE

Hollingsworth & Vose Co., 112 Washington St.

EVERETT

Market Forge Co., 25 Garvey St.

FALL RIVER

Brewer & Co., 63 Pearl St. (S)
Perry Corp., E. J., Jefferson & Lawton Sts.

FOXBORO

Foxboro Co., 38 Neponset Ave.

FRANKLIN PARK

Franklin Textile Mills, 126 Franklin St.
Pressing Machinery Service Co., 120 Franklin St. (E)

HOLYOKE

Adell Chemical Co., 176 Race St.

HYDE PARK

Sterling Engineering & Manufacturing Corp. (Templeton Mfg. Co.), 1 Reservation Rd.

LAWRENCE

Beach Soap Co., 125 Lawrence St.

MELROSE

Davis Emergency Equipment Co., Inc., 130 W. Emerson St.
Taco Heaters, Inc., 16 Sargent St.

MILFORD

Reelin Co., E. Main St., P. O. Box 287 (E & S)

MILLIS

Ruberoid Co., Curve St.

NEPONSET

Stearns Lumber Co., A. T., 98 Taylor St.

NEW BEDFORD

Ace Cabinet Corp., Belleville Ave.
Revere Copper & Brass, Inc., 24 N. Front St.

NEWTON

Steele Supply Co., 13 Brook St. (E)

NEWTONVILLE

Hungerford & Terry, Inc., 240 Walnut St.

NORTH QUINCY

Boston Gear Works, Inc., 14 Hayward St.

NORTON

Flood, Jim (E)

ORANGE

Leavitt Machine Co., 10 E. River St.

PALMER

Jarvis & Jarvis, Inc., S. Main St.

PITTSFIELD

Chemiral Corp., Depot St. (S)
Haertel Co., Walter, 118 Somerset

ROXBURY

Commercial Dye Works, 14 Roswell St.
Poland Laundry Machinery Co., 47 Kemble St.
Starr Soap & Chemical Co., 140 Shirley St.

SALEM

Ruggles-Klingemann Mfg. Co., Foster Court

SOMERVILLE

Clinton Sales Co., 15-R McGrath Highway
Spray Engineering Co., 114 Central St.
Superior Products Co., 148 Pearl St. (S)

SPRINGFIELD

Allegheny-Ludlum Steel Corp., 469-73 Taylor St.
Boston Gear Works, Inc., 29 Worthington St.
Bund Mfg. Co., 1897 Columbus Ave.
Chemiral Corp., 54 Waltham Ave. (S)
Crane Co., 60 Cypress St.
Frank Bros. Paper Co., Inc., 49-51 Hampden St. (S)
Worthington Pump & Machinery Corp., 496 Bridge St.

STONEHAM

Mann & Co., Inc., George, 165 Central St. (S)

WALPOLE

Templeton Bros., Inc., 899 Main St.

WATERTOWN

Lewis-Shepard Products, Inc., 307 Walnut St.
National Tag & Label Corp., 19 Bridge St.
Robinson Co., G. W., 36 Pleasant St. (E)

WEST SPRINGFIELD

Gilbert & Barker Mfg. Co., Cold Springs Ave.

WORCESTER

Brewer & Co., Inc., 45 Arctic St. (S)
Chemical Sales & Service Co., Inc., 61 Fremont St. (S)
Diehl Mfg. Co., Electrical Div., Singer Mfg. Co., 340 Main St.
Gammal Chemical Co., 1 Tampa St. (S)
Graton & Knight Co., 356 Franklin St.
Warren Belting Co., Inc., 33 Arctic St.
Worcester Chemical Distributing Corp., 1 Coes Square (S)

MICHIGAN

ANN ARBOR

Bidwell Mfrs., 315 E. Liberty St.

BATTLE CREEK

Gist & Sons Co., P. B., 914 Security National Bank Bldg. (S)
Keyes-Davis Co., 110 14th St.

BELDING

Belding Basket Co., 1 High St.
Wolverine Sales Co., 109 N. Pleasant St.

BLISSFIELD

National Bundle Tyer Co.

BURR OAK

Getzoff Laundry Machinery Co., Inc.

CLINTON

Clinton Products Co.

DEARBORN

Ford Motor Co.
Golden-Anderson Valve Specialty Co., 8747 Brandt Ave.
Hughes Laundry Machinery, 14401 Ford Rd. (E)

DETROIT

Abbott Supply Co., 7721 12th St. (E & S)
Advance Dry Cleaning Equipment Co., 3301 Puritan (E)
Aeroxent Fan Co., 2970 Grand Blvd.
Alert Engineering Products, 313 W. Woodbridge St.
Allegheny-Ludlum Steel Corp., 1500 Jarvis St.
Allis Co., Louis, 337 Curtis Bldg., 2842 W. Grand Blvd.
American Brake Shoe Co., Kellogg Div., 637 New Center Bldg.
American Brass Co., American Metal Hose Branch, 173 S. Clark Ave.
American Electrical Heater Co., 6110 Cass Ave.
American Felt Co., 3000 E. Jefferson Ave.
American Laboratories Sales Co., 318 United Artists Bldg.
American-La France-Foamite Corp., 8059 Grand River Ave.
American Laundry Machinery Co., Michigan Bank Bldg., Suite 500
American Mineral Spirits Co., 6472 Selkirk Ave.
American Monorail Co., 7338 Woodward Ave.
Amplex Div., Chrysler Corp., 6501 Harper Ave., P. O. Box 2718
Ansul Chemical Co., 6432 Cass Ave.
Armour & Co., 1903 Adelaide
Bailey Meter Co., 2842 W. Grand Blvd.
Bemis Bro. Bag Co., 712 Michigan Bldg., 220 Bagley Ave.
Berger Mfg. Div., Republic Steel Corp., 2000 Fisher Bldg.
Blackmer Pump Co., 3160 Grand River Ave.
Bowser, Inc., 18247 Livernois Ave.
Brown Co., Book Bldg.
Buchner, Henry, 8551 Westfield St. (E)
Burroughs Adding Machine Co., 6071 Second Ave.
Butler Engineering Co., 616 Pallister Ave.
Cadillac Chemical Co., Inc., 1574 E. Warren (S)
Calloway Mills, Inc., Francis Palms Bldg.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 3011 W. Grand Blvd.
Carey Mfg. Co., Philip, 6197 Hamilton Ave.
Central Overall Supply Co., 7943 E. Palmer Ave. (S)
Certified Chemical Co., 494 W. Goldengate
Chace Co., W. M., 1600 Beard Ave.
Chevrolet Motor Div., General Motors Corp., General Motors Bldg.
Chicago Metal Hose Corp., 2970 W. Grand Blvd.
Clarage Fan Co., 2842 W. Grand Blvd.
Cleaners Hanger Co., 6517 Grand River Blvd.
Cleaners Sales Co., 12814 Linwood Ave. (E & S)
Crane Co., 150 Randolph St.
Cutler-Hammer, Inc., 2759 E. Grand Blvd.
DeLaval Steam Turbine Co., Lafayette Bldg.
Detroit Corp., 14331 Woodrow Wilson
Detroit Belt Lacer Co., 3551 A St.
Detroit Laundry Supply Co., 2294 W. Davidson Ave. (S)
Detroit Stoker Co., General Motors Bldg.
Detroit Woolen Co., 109 W. First Ave. (E & S)
Dietzgen Co., 2865 E. Grand Blvd.
Dicalite Div., Great Lakes Carbon Corp., 16595 Glastonbury Rd.
Dixco Corp., P. O. Box 3807, Park Grove Station
Dodge Div., Chrysler Corp., 7900 Jos. Campeau Ave.
Dow Chemical Co., Fisher Bldg.
Dozier Corp., 226 Hudson Bldg.
Dutton Co., C. H., 319 Stephenson Bldg.
Eaton Chemical & Dyestuff Co., 1490 Franklin St. (S)
Eclipse Chemical Co., 2660 Quon St. (S)
Electric Storage Battery Co., 8051 W. Chicago Blvd.
Ferguson Co., Dime Bank Bldg.
Excelsior Machinery Co., 1452 Randolph St. (E)
Fafnir Bearing Co., 1579 Oakman Blvd.
Federal Motor Truck Co., 3780 Federal Ave.
Flume, 8719 Linwood Ave. (E & S)
Franklin Research Distributors, Inc., 815 Park Ave. Bldg.
Gardner-Denver Co., 6535-37 Livernois Ave.
General Detroit Corp., 2272 E. Jefferson St.
GMC Truck & Coach Div., General Motors Corp., 3925 Vermont
Gibson Co., R. C., 536 Jefferson Ave. (E & S)

(Continued on next page)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Detroit (*Continued*)

Great Lakes Laundry Machinery Co., 5716 Jos. Campeau (E)
Green Fire Brick Co., A. P., 2842 W. Grand Blvd.
Grow Solvent Co., 14166 Stansbury (S)
Harrison, Inc., Robt. D., 566 E. Warren Ave. (S)
Haskelite Mfg. Corp., 420 B Boulevard Bldg., 7310 Woodward Ave.
Hauser-Stander Tank Co., 6838 Spring Grove Blvd.
Hild Floor Machine Co., 7644 Woodward Ave.
Houghton & Co., E. F., 7 E. Grand Ave., Highland Park
Hughes Laundry Machinery Co., 220 Glendale Ave. (E)
Hughes Laundry Machinery Co., 22-30 Highland (E)
Hungerford & Terry, Inc., 1916 Ford Bldg.
Huntington Laboratories, Inc., 2842 W. Grand Blvd., Curtis Bldg.
Ideal Industries, Inc., 6432 Cass Ave.
Indiana Mfg. Co., Inc., 12814 Linwood Ave.
Ingersoll-Rand Co., 2852 E. Grand Blvd.
International Tag & Salesbook Co., 211 C. P. A. Bldg.
Johns-Manville, Grand Blvd. at Second St.
Kelvinator Div., Nash-Kelvinator Corp., 14250 Plymouth Rd.
Kennedy Car Liner & Bag Co., 2941 E. Warren Ave.
Kewanee Boiler Corp., 8316 Woodward Ave.
Keystone Aniline & Chemical Co., Inc., 6747 Brandt St. (S)
Kible & Co., Inc., Walter, 2090 Grandy Ave.
Kohnstamm & Co., Inc., H., 13740 Nelson Ave. (E & S)
Kolene Corp., 315 Boulevard Bldg.
Levin Sons Co., J., 1435 Randolph St. (E & S)
Link Belt Co., 5658 Lonsdale Ave.
London Machinery Corp., 708 Baxter Bldg.
Lubriplate Div. of Fiske Brothers Refining Co., General Motors Bldg.
Magic Textile Weavers, 948 W. McNichols Rd.
Merchants Chemical Co., Inc., 4000 W. Jefferson Ave. (E & S)
Mexico Refractories Co., 16575 Grand River Ave.
Michigan Bleach & Chemical Co., 1944 E. Woodbridge (S)
Michigan Boiler & Machinery Distributors, 3828 Michigan Ave. (E)
Midland Paint & Varnish Co., Cass & Brainard Sts.
Miller Laundry Machinery Co., 8041 Lyndon Ave.
Morehead Mfg. Co., 2465 W. Warren Ave.
Morehead Corp., 578 Maccabees Bldg.
Murray Mfg. Co., D. J., 5050 Joy Rd.
Nelson Chemicals Corp., 12345 Schaefer Highway (E & S)
New Ball Bearing Co., 443 New Center Bldg.
Nicholson Laboratories, Wm. J., 13243 Hamilton Ave.
Olson Corp., J. B. E., 6432 Cass Ave.
Owens-Corning Fiberglas Corp., 514 New Center Bldg.
Paasche Airbrush Co., 6505 Second Blvd.
Patterson Laboratories, Inc., 7633 Bagley Ave.
Pennsylvania Salt Mfg. Co., 4655 Biddle Ave.
Permolith Co., 2111 Woodward Ave.
Perfex Corp., 6543 Grand River Ave.
Phoenix Oil Co., 6432 Cass Ave.
Procter & Gamble Distributing Co., 2457 Woodward Ave.
Prosperity Co., Inc., 1670 W. Fort St.
Ramsey Chem Co., Inc., 13918 Whitcomb
Recordak Corp., 7310 Woodward Ave.
Reisner Electric & Engineering Co., 3165 E. Grand Blvd.
Repel-O-Products Div., North American Merchandising Co., Transportation Bldg.
Republic Flow Meters Co., General Motors Bldg.
Revere Copper & Brass, Inc., 5851 W. Jefferson Ave.
Robot Laundry Machinery Corp. of California, 220 Glendale Ave.
Solvay Sales Div., Allied Chemical & Dye Corp., 7301 W. Jefferson Ave.
Southern Mills, Inc., 20137 W. Chicago
Spence Co., 1627 W. Fort St. (S)
Square Deal Laundry Supplies, 3336 Glendale (S)
Standard Oil Co. (Indiana), 1000 Bagley Bldg., Fourth Ave.
Star Service Hanger Div., L. A. Young Spring & Wire Corp.
Steamaster Automatic Boiler Co., 615 Griswold St.
Stephens-Adamson Mfg. Co., Boal Bldg.
Tagliatine Div., C. J., Portable Products Corp., 2852 E. Grand Blvd.
Teleflex, Inc., 5-211 General Motors Bldg.
U. S. Gauge, Div. American Machine & Metals, Inc., 232 Grand River, W.
U. S. Hoffman Machinery Corp., 3164-66 Cass Ave.
Van Chemical Co., 14637 Kercheval Ave.
Vanette Div., Brooks & Perkins, Inc., 2443 Woodward Ave.
Veeder-Root, Inc., Book Bldg., Room 624
Virginia Smelting Co., 1627 W. Fort St.
Walworth Co., Stephenson Bldg.
Westvaco Chemical Div., Food Machinery & Chemical Corp., 1900 E. Jefferson St.
Whitlock Mfg. Co., 321 Stephenson Bldg.
Williams & Sons, I. B., 222 E. Milwaukee Ave.
Wizard Weavers, Inc., Lafayette Bldg.
Wolverine Sales Co., 8510 Kenwood Ave., Ferndale
Worthington Pump & Machinery Corp., 2824 E. Grand Blvd.
Wright-Austin Co., 3245 Wight St. (E)
Wyandotte Chemicals Corp., 1319 Dime Bldg.
Yarnall-Waring Co., 6432 Cass Ave.

FERRYSBURG

Johnston Bros., Inc., 100 Pine St.

FLINT

Crane Co., 153 Lewis St.
Detroit Woolen Co., 109 W. First Ave. (E & S)

GRAND RAPIDS

Allen Business Machines, Inc., R. G., 678 Front St., N. W.
American Mineral Spirits Co., 1300 Century Ave., S. W.
Blackmer Pump Co., 1809 Century Ave., S. W.
Clipper Belt Lacer Co., 974 Front Ave., N. W.
Crane Co., 36 Grandville Ave., S. W.
Cutler-Hammer, Inc., 414 Building & Loan Bldg.
Gast & Sons Co., P. B., 335-341 Lexington Ave., N. W. (S)
Kewanee Boiler Corp., Federal Square Bldg., 33 Pearl St., N. W.
Link-Belt Co., 1012 Cherry St., S. E.
Rapids-Standard Co., Inc., 503 People's National Bank Bldg.
Revere Copper & Brass, Inc., Keeler Bldg.
Root & Co., 11 Ionia, S. W. (E & S)
Standard Oil Co. (Indiana), 1260 Butterworth, S. W.
U. S. Hoffman Machinery Corp., 62 Iris Pl., N. E.
Wyandotte Chemicals Corp., 417 Federal Square Bldg.

JACKSON

Crane Co., 409 Hupp Ave.
Gast & Sons Co., P. B., 205 W. High St. (S)

KALAMAZOO

Bailey Pribola & Co., 326 W. Kalamazoo Ave.
Bartlett Label Co., 2155 Portage St.
Blackmer Pump Co., American National Bank Bldg.
Chicago Fan Co., North & Porter Sts.
Dutton Co., C. H., 630 Gibson St.
Lansdowne Label & Wrapper Co., corner of Portage & Palmer Sts.
Reliance Electric & Engineering Co., Pythian Bldg.

LANSING

Morlest Sales Co., 700 E. Kalamazoo St.
Rio Motors, Inc., 1314 S. Washington Ave.
Wheaton Chemical Co., 131 Pere Marquette Dr. (S)

MIDLAND

Dow Chemical Co.

MUSKEGON

A. G. S. Co.
Nagel Oil Refining Co. (S)

PLAINWELL

Angle Steel Stool Co., 403 Water St.

PONTIAC

GMC Truck & Coach Div., General Motors Corp., 77 E. Huron St.
GMC Truck & Coach Div., General Motors Corp., 660 South Blvd. E.

PORT HURON

Port Huron Detergent Co., Inc., 1320 Second St. (S)

ROYAL OAK

Pappas Bros. Machinery Outlet, 503 N. Main (E)

SAGINAW

Cutler-Hammer, Inc., 107 N. Franklin St.
Kewanee Boiler Corp., 2340 Mershon St.
Standard Oil Co. (Indiana), 203 James St.

ST. JOSEPH

Donnell Co., P. O. Box 84
Super Laundry Machinery Co.

THREE RIVERS

Armstrong Machine Works, 832 Maple St.
Johnson Corp., 805 Wood St.

TRAVERSE CITY

Gast & Sons Co., P. B., 314 Division St., S. (S)

WYANDOTTE

Pennsylvania Salt Mfg. Co., S. Biddle Ave.
Wyandotte Chemicals Corp.

MINNESOTA

DULUTH

Crane Co., 102 Lake Ave., S.
Dahlberg Machinery Co., 918 E. Superior St.
Ingersoll-Rand Co., Providence Bldg.
Northwestern Iron & Metal Co.
Standard Oil Co. (Indiana), 14 W. Superior St.

FARIBAULT

Nutting Truck & Caster Co., 1125 W. Division St.

MANKATO

Crane Co., 510 S. Pike St.
Kato Engineering Co., 122 Spruce St.
Standard Oil Co. (Indiana), 202 Jackson St.

MINNEAPOLIS

Action Products, Inc., 324 N. First St. (S)
Allegheny-Ludlum Corp., 216 Hodgson Bldg.
Allis Co., Louis, 708 Sixth Ave., S.
American Laundry Machinery Co., 200 Lumber Exchange Bldg., 425 Hennepin Ave.
Bemis Bro. Bag Co., 600-614 Fourth St., S.
Berger Mfg. Div., Republic Steel Corp., 604 Fur-Mart Bldg., 18 N. Fourth St.
Blackmer Pump Co., 808 LaSalle Ave.
Bowser, Inc., 1016 Second Ave., S.
Carlson Service Co., 2508 Emerson Ave., S.
Carman & Co., Inc., 618 Washington Ave. N. (E & S)
Clinton Foods Inc., 3200 Snelling Ave.
Continental Laboratories, 712 Fifth Ave., N.
Crane Co., 400 Third Ave., N.
Cutler-Hammer, Inc., 523 S. Seventh St.
Detecto Scales, Inc., 15 Glenwood Ave.
Dicalite Div., Great Lakes Carbon Corp., 4712 Upton St., S.
Electric Storage Battery Co., 2340 Rand Tower
Elliott Co., Baker Bldg.
Fafnir Bearing Co., 1647 Hennepin Ave.
Fidelity Equipment Co., 2525 W. 40th St. (E)
Ford & Co., Luther, 100 N. Seventh St. (S)
Franklin Mfg. Co., 2615 E. Franklin Ave.
Franklin Research Distributors, Inc., 324 N. First St.
Gilmer Co., L. H., Div. U. S. Rubber Co., 400 Second Ave. N.
Green Fire Brick Co., A. P., 507 Wesley Temple Bldg.
Haertel Co., Walter, 2840 Fourth Ave., S.
Howe Scale Co., 404 Washington Ave., N.
Ingersoll-Rand Co., 2514 University Ave., S. E.
Joys Bros. Co., 3129 Halifax Ave., Edina
Karker Co., Inc., Frank, 317 Washington Ave. N. (E & S)
Kewanee Boiler Corp., 610 Builders Exchange Bldg.
Keystone Aniline & Chemical Co., Inc., 330 N. First St. (S)
Kohnstamm & Co., Inc., H., 6-8-10 E. Hennepin Ave. (E & S)
Laundry Engineering Co., 1001 Washington Ave., N.
Leed Bros., Inc., 205 Irving Ave., N.
Link-Belt Co., 200 Lyndale Ave., N.
Medalie Mfg. Co., 25 N. Second St.
Merchants Chemical Co., Inc., 110 N. E. Sixth St. (E & S)
Mexico Refractories Co., 601 Wesley Temple Bldg.
Midland Laundry Equipment Co., 2800 Lyndale Ave., S. (E)
Minneapolis Laundry Machine Co., 2716 Lyndale Ave., S. (E)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

National Soap & Chemical Co., 110 Fifth Ave., S. E. (S)
Ostrin Laundry Machine Co., 1001 Washington Ave., N. (E)
Owens-Corning Fiberglas Corp., 760 Rand Tower
Pennsylvania Salt Mfg. Co., 1100 Baker Bldg.
Permutit Co., The, 1111 Nicollet Ave.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 616 S. Third St.
Pocock, M. A., 615 Second Ave., S.
Procter & Gamble Distributing Co., Wesley Temple Bldg., Grant St. & Stevens Ave.
Regent Laundry Machinery & Supply, Inc. (E & S)
Reliance Electric and Engineering Co., 1216 Foshay Tower
Revere Copper & Brass, Inc., Metropolitan Bldg.
Riekes & Sons, 1724 E. Franklin Ave. (E)
Robot Laundry Machinery Corp. of California, 2800 Lyndale Ave., S.
Ruberoid Co., 50 Lowery Ave., N.
Schloff Co., S., 13 S. Fourth St. (E & S)
Shedlov-Heinz Mfg. Co., 15-B Wilder St.
Standard Oil Co. (Indiana), 1300 Harmon Pl.
Steamaster Automatic Boiler Co., 1313 Hawthorne Ave.
Thompson-Hayward Chemical Co., 909 Second St., S. (S)
Unipress Co., 2800 Lyndale Ave., S.
U. S. Hoffman Machinery Corp., 2617 E. Franklin St.
Vel-Tex Chemical Co., 359 N. E. Harrison Ave. (S)
Vic Cleaning Machine Co., 1313 Hawthorne Ave.
Western Laundry Press Co., 2624 E. Lake St.
Wyandotte Chemicals Corp., 1081 Northwestern Bank Bldg.

MINNESOTA TRANSFER

Minnesota Chemical Co.

NORTH MINNEAPOLIS

Leef Brothers, Inc., 205 Irving Ave., N.

ST. PAUL

Armour & Co., Pine St.
Bailey Meter Co., 588 Mt. Curve Blvd.
Benner Chemical Co. (S)
Central Soap Co., Inc., 701 Hampden Ave. (S)
Crane Co., Broadway at Fifth
Culligan Zeolite Co., 1084 University Ave.
Harris Woolen Co., Wm., 200 E. Fourth St. (S)
Healy-Ruff Co., 2255 University Ave.
Huntington Laboratories, Inc., 1955 University Ave
Lyon Chemicals, Inc., 2305 Hampden Ave. (S)
M. & C. Maintenance Co., 2277 Ford Parkway (E)
Minnesota Chemical Co., 2285 Hampden Ave. (S)
Multi-Clean Products, Inc., 2277 Ford Parkway
New Way Co., Inc., 744 E. Seventh St.
Waldorf Co., 2236 Myrtle Ave.
Waterous Co., 80 E. Fillmore
Wood Conversion Co., First National Bank Bldg.
Worthington Pump & Machinery Corp., 2428 University Ave.
Wyotana Mining Co., 331 First Federal Bldg.

MISSISSIPPI

JACKSON

Apex Co., 309 W. Pascagoula St. (E & S)
Crane Co., 176 N. Gallatin St.
Dongieux's Laundry & Drycleaning Equipment, 1131 Terry Rd. (E)
Jackson Laundry & Tailor Supply Co., 217 W. Griffith (S)
U. S. Hoffman Machinery Corp., 641 Buena Vista Ave.

MISSOURI

CLAYTON

Rapids-Standard Co., Inc., 8028 Forsythe Blvd.

JENNINGS

Dicalite Div., Great Lakes Carbon Corp., 2440 Atkins Dr.

JOPLIN

Purkett Mfg. Co., E. Third at Kentucky Ave.

KANSAS CITY

American-La France-Foamite Corp., 10 E. 14th St.
Armour & Co.
Arrow Mfg. Co., Inc., 2924 Terrace St.
Bailey Meter Co., 7725 Ward Pkwy.
Bemis Bro. Bag Co., 925 Wyoming Ave.
Berger Mfg. Co., Republic Steel Corp., 101 W. 11th St.
Bertram Naphtha Co., 3333 Roanoke Rd. (S)
Bertram's Supply Co., 5913 Troost (S)
Blackmer Pump Co., B. M. A. Bldg.
Bowser, Inc., 3634 Olive St.
Butler Mfg. Co., Cleaners Equipment Div., 7452 E. 13th St.
Campbell Frazer Supply Co., 818-820 Truman Rd. (E & S)
Carey Salt Co., 815 Midland Bldg.
Carman & Co., Inc., 2006 Wyandotte (E & S)
Columbia Laundry Machinery Co., 1313-1319 E. Truman Rd. (E)
Crane Co., 1328 W. 12th St.
Econo-Pak Register Co., 1337 E. 27th St.
Electric Storage Battery Co., 129 Belmont Blvd.
Elliott Co., Midland Bldg.
Fafnir Bearing Co., 2018 Grand Ave.
Franklin Research Distributors, Inc., 2635 Main St.
Gate City Woolen & Trimming Co., 1320 Grand Ave. (S)
GMC Truck & Coach Div., General Motors Corp., 2534-48 McGee Trafficway
Glover, Inc., Bill, 5204 Truman Rd.
Graton & Knight Co., 2006 Central St.
Green Fire Brick Co., A. P., 2732 Cherry St.
Howe Scale Co., 1809 Baltimore Ave.
Industrial Specialties Co., 2924 Terrace St. (E & S)

Industrial Specialties Co.

SUPPLIES & MACHINERY

For Dry Cleaning—Laundry Industry

2924 Terrace Street — Phone
Kansas City 8, Missouri — JE 1722

Ingersoll-Rand Co., 1012 Baltimore Ave.
International Tag & Salesbook Co., 3534 Cherry St.
Kennedy Car Liner & Bag Co., 220 W. Fifth
Kewanee Boiler Corp., 2014 Wyandotte St.
Kohnstamm & Co., Inc., H., 311 W. 19th (E & S)
Laundry & Chemical Supply Co., Inc., 201 Grand Ave. (S)
Link-Belt Co., 1004 Baltimore Ave.
McCann Co., S. C., 1004 Baltimore Ave. (S)
Mehl Mfg. Co., 601 E. Third St.
Mexico Refractories Co., 1731-33 Walnut
Modern Supply Co., 1231 Woodswether Rd.
Moore Co., 344 Westport Rd.
Paisley Products, Inc., 912 E. 30th St.
Per-Mo Products Co., 3602 Woodland Ave.
Permutit Co., The, 215 Pershing Rd.
Plaut Supply Co., Gus, 3016 Manheim Rd. (S)
Procter & Gamble Distributing Co., 114 W. Tenth St.
Rapids-Standard Co., Inc., 950 Dierks Bldg.
Recordak Corp., 422 E. Tenth St.
Rentjes, George P., 2515-17 Jefferson St.
Republic Flow Meters Co., 20 W. Ninth St. Bldg.
Riekes & Sons, S., P. O. Box 6028 (E)
Sherwood & Co., Inc., 3333 Roanoke Rd. (S)
Skelly Oil Co., 47th St. & Penn
Speare Co., 1422 St. Louis Ave. (S)
Standard Oil Co. (Indiana), 2 W. 40th St.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd. (S)
Tree, D. M., 2302 E. 34th St. (E)
U. S. Hoffman Machinery Corp., 1924 Grand Ave.
Viking Pump Co., 1827 Grand Ave.
Webb Belting Co., 1501-1507 W. 12th St.
Woodhead Insurance Agency, 510 Insurance Exchange Bldg.
Worthington Pump & Machinery Corp., 1004 Baltimore Ave.
Wyandotte Chemicals Corp., 1232 Rialto Bldg.
Yates Laundry Machinery & Supply Co., R. W., 812-14 Brooklyn Ave. (E)

MAPLEWOOD

Sec-O-Matic Corp., 2121 Big Bend Rd.

MEXICO

Green Fire Brick Co., A. P.
Mexico Refractories Co., Love & Cole Sts.

NORTH KANSAS CITY

Carman & Co., Inc., 1431 Iron St. (E & S)
Robot Laundry Machinery Corp. of California, Tenth & Fayette Sts.
Steele & Co., J. W., 12th Ave. & Howell
Western Laundry Machinery Co., 420 E. Tenth St. (E)

ST. LOUIS

Airline Mfg. Co., 4548-52 Gravois Ave.
Allegheny-Ludlum Steel Corp., 209 N. Beaumont St.
Allen Billmyre Div., Lamson Corp., 6223 Simpson Ave.
American Laundry Machinery Co., Room 455, Paul Brown Bldg.
American Mineral Spirits Co., 419 DeSoto Ave.
American Mothproofing Co., 711 N. Euclid Ave.
Angelica Uniform Co., 1419-29 Olive St.
Arabol Mfg. Co., 2500 Texas Ave.
Armour & Co., 2030 Clark
Arrow Mfg. Co., Inc., 2924 Terrace St.
Bailey Meter Co., 8527 Rosalie Ave. (Brentwood)
Band Box Corp., 2301 Chouteau Ave.
Bemis Bro. Bag Co., 408 Pine St.
Bemis Bro. Bag Co., 601 S. Fourth St.
Bemis Bro. Bag Co., 1058 S. Vandeventer Ave.
Berger Mfg. Div., Republic Steel Corp., 1425-31 N. Second St.
Bishop-Wyatt Co., 4004 Chouteau Ave.
Blackmer Pump Co., 1516 Pine St.
Brillo Mfg. Co., 607 Granite Bldg.
Bristol Co., 804 Cotton Belt Bldg.
Canton Stoker Corp., 4030 Chouteau Ave.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 3615 Olive St.
Carey Mfg. Co., Philip, 4165 Duncan Ave.
Carey Salt Co., 4101 Clayton Ave.
Carman & Co., Inc., 4523 Shaw Blvd. (E & S)
Cash & Carry Supply Co., 2831 Olive St. (E & S)
Century Electric Co., 1806 Pine St.
Chemical Sales Co., 2714-16 S. Second St. (S)
Coleman Co., H. H., 209 Bremen Ave. (E & S)
Continental Car-Na-Var Corp., 801 S. 11th St.
Crane Co., 30 S. 16th St.
Crown Mfg. Co., 1625 N. Sixth St.
Cutler-Hammer, Inc., 1914 Washington Ave.
Defender Instrument & Regulator Co., 815 Clark Ave.
Diamond Alkali Co., 4246 Forest Park Blvd.
Diamond Metal Products Co., 406 Market
Dicalite Div., Great Lakes Carbon Corp., 1221 Locust St.
Dow Chemical Co., Continental Bldg. 15th Floor, 3615 Olive St.
Dutton Co., C. H., 7320 Forsyth Bldg.
Electric Storage Battery Co., 1218 Olive St.
Electro Chemical Engineering Co., Inc., P. O. Box 27, Bremen Station
Elliott Co., 1221 Locust St.
Engineer Co., 4485 Olive St.
Fafnir Bearing Co., 3206 Olive St.
Foxboro Co., 3615 Olive St.
Franklin Research Distributors, Inc., 828 Gratiot St.
Fuel Oil Co. of St. Louis, 4470 Duncan Ave. (S)
Garlock Packing Co., 710 N. 12th St.
General Boiler Equipment Co., 2651-53 Gravois St.
GMC Truck & Coach Div., General Motors Corp., 320 S. Grand Blvd.
Glick, Joe, 3701 Lindell Blvd.
Graton & Knight Co., 1710 Chestnut St.
Green Fire Brick Co., A. P., 1927 Railway Exchange Bldg.
Guth Co., Edwin F., 2615 Washington Ave.
Haskelite Mfg. Corp., 7805 Forsythe Blvd.
Hercules Powder Co., 3615 Olive St.
Herman Body Co., 4400 Clayton Ave.
Howe Scale Co., 3001 N. Broadway
Independent Oil Co., 3930-60 Chouteau Ave. (S)
Ingersoll-Rand Co., 2327 Locust Blvd.
Iron Fireman Mfg. Co., 3114 Washington Ave.
Jackman & Sons, P., 618 N. Ninth St. (S)
Johns-Manville, 1000 Market St.
Kampe Supply Co., W., 1815 S. Jefferson St. (S)
Kewanee Boiler Corp., 2835 Washington Blvd.
Keystone Aniline & Chemical Co., Inc., 823 Spruce St. (S)
Kimball Co., A., 1221 Locust St.
Kisco Boiler & Engineering Co., 3732-40 Chouteau Ave.
Kohnstamm & Co., Inc., H., 2347-49 Rutger St. (E & S)
Laclede Stoker Co., 4438 Hunt
Laundry Dryer & Heating Co., 2649 Minnesota St. (E)
Lesser Cleaners Supply Co., B., 827 Lucas (S)
Link-Belt Co., 317 N. 11th St.
Mallinckrodt Chemical Works, Second & Mallinckrodt Sts.
Mathiesen Chemical Corp., Paul Brown Bldg.
Milligan Co., H. H., 818 Olive St. (S)
Monde Co., Inc., 4903 Delmar Blvd.
North American Electric Lamp Co., 1014 Tyler St.
Nu-Pro Mfg. Co., 2918 Washington Ave. (E & S)
Owens-Corning Fiberglas Corp., 2005 Continental Bldg.
Paasche Airbrush Co., 3909 Olive St.
Pennsylvania Salt Mfg. Co., Railway Exchange Bldg.
Permutit Co., 3903 Olive St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 3650 Market St.
Plaza Equipment Sales Co., 2110 Olive St. (E)
Popkins Studio Fixtures, Inc., 6805 Easton Ave.
Procter & Gamble Distributing Co., 407 N. Eighth St.
Prym, Inc., William, 503 N. 12th St.
Recordak Corp., 1009 Olive St.
Republic Flow Meters Co., 480 Arcade Bldg.
Revere Copper & Brass, Inc., Telephone Bldg., 1010 Pine St.
Riekes & Sons, S., 4067 Park St. (E)
Riverside Mfg. Co., 4919-27 Connecticut St.
Robins & Co., G. S., 126 Chouteau Ave. (E & S)
Rosenthal Paper Co., 200 Lynch St.
St. Louis Sticker Co., 1906 Pine St.
Sales Results Co., Inc., 17 E. 49th St.

(Continued on next page)

St. Louis *(Continued)*

Schmidt Co., G. R., 2815 Locust St. (E & S)
Schultz Cleaners & Tailors Supply Co., 804 N. Ninth St. (S)
Solvay Sales Div., Allied Chemical & Dye Corp., 3615 Olive St.
Standard Chemical Co., 1600 N. 19th St. (E & S)
Standard Oil Co. (Indiana), 314 N. Jefferson
Steelcote Mfg. Co., 2418 Gratiot
Stein Co., Lawrence M., 805 N. Ninth St.
Stephens-Adamson Mfg. Co., Shell Bldg.
Stout & Sons, David, 7016 Manchester St.
Teglafone Div., C. J., Portable Products Corp., Railway Exchange Bldg.
Thompson-Hayward Chemical Co., 5 Carr St. (S)
Thomson Pump Div., Waterous Co.
U. S. Hoffman Machinery Corp., 1911 Washington Ave.
Vic Cleaning Machine Co., 3335 N. Union
Universal Laundry Machinery Co., 3825-27 Forest Park Blvd. (E)
Waxman Chemical Co., 715 S. Second St. (S)
Wagner, Inc., Stephen, 941 Syndicate Trust Bldg. (S)
Walworth Co., Gulf Bldg.
Wengeartner & Son, Ig., 4738 Easton Ave. (E)
Wellington Sears Co., Shell Bldg., Room 410
Western Laundry Machinery Co., 914 S. Vandeventer Ave.
Westinghouse Electric Corp., Lamp Div., 411 N. Seventh St.
Westvaco Chemical Div., Food Machinery & Chemical Corp., Ninth & Gratiot St.
Worthington Pump & Machinery Corp., 2505 Lindell Blvd.
Wyandotte Chemicals Corp., 1425 Paul Brown Bldg.
Yarnall-Waring Co., 801 N. First St.

SEDALIA

Adco, Inc., 900-920 W. Main St.

SPRINGFIELD

Morris Equipment Co., John A., 502 College St. (E)
Ozark Paper & Janitor Supply Co., 321 S. Street (S)

MONTANA

BILLINGS

Crane Co., 30th & First Ave., S.
Standard Oil Co. (Indiana), 2716 First Ave., N.

BUTTE

Ingersoll-Rand Co., S. Montana St.
Kewanee Boiler Corp., 909 E. Second St.

GREAT FALLS

Crane Co., 2 Third Ave., S.

NEBRASKA

ALLIANCE

Maloney Co., Box (E)

GRAND ISLAND

Crane Co., 115 E. Front St.

LINCOLN

Clubman Motor Works, 21st & Y Sts.
Lesenskop & Sons, Inc., G. F., 235 O St. (E & S)
Shelley Equipment Co., 301 N. Ninth St. (E)

OMAHA

American Laundry Machinery Co., Woodmen of the World Bldg.
Armour & Co.
Brown Bros. Dug Co., 814 S. 11th St.
Buckner Pump Co., 1506 Douglas St.
Carey Salt Co., 902 W. O. W. Bldg.
Carman Distributing Co., 1207 Cass St. (E & S)
Crane Co., 423 Tenth St.
Douglas Chemical Co., Warren, 1517 Burt St. (S)
Eastern Weaving Co., 1412 Harney St. (E & S)
Franklin Research Distributors, Inc., 1803 Leavenworth St.
Horwath Laundry Machinery Co., 1208 Cass St. (E)
Kennedy & Parsons Co., 810 Howard St. (E & S)
Kewanee Boiler Corp., 208 Grain Exchange Bldg.
Kohnstamm & Co., Inc., H., 1307 Leavenworth St. (E & S)
McKesson & Robbins, Inc., Ninth & Farnam Sts. (S)
Merchants Chemical Co., Inc., 605 Leavenworth St. (E & S)
Omaha Dye Works, 24th & Poppleton
Procter & Gamble Distributing Co., Woodmen of the World Bldg., Farnam St. & 14th
Rehnite Corp., 1023 Harney St.
Rokes & Sons, S., 1401 Webster Ave. (E)
Saxe-Freeman Co., 1408 Harney St. (E & S)
Standard Oil Co. (Indiana), 304 S. 18th St.
Thompson-Hayward Chemical Co., 1100 S. Fourth St. (S)
U. S. Hoffman Machinery Corp., 2435 Evans St.
Worthington Pump & Machinery Corp., 1615 Howard St.

SCOTTS BLUFF

Crane-O'Fallon Co., 1617 Ave. A

NEVADA

RENO

Crane Co., 401 E. Fourth St.

NEW HAMPSHIRE

DOVER

Williams & Sons, I. B., 51 Washington

DURHAM

Craig Supply Co., 99 Madbury Rd. (E & S)

Our Territory—Maine, N. H., Vermont & W. Mass.
MACHINERY—SPECIALTIES—SUPPLIES
Drycleaning & Laundry
(Exclusive Pantex Representative This Area)
CRAIG SUPPLY CO.
99 Madbury Road (Tel. Durham 276R)
Durham, N. H.

NASHUA

Nashua Package Sealing Co., Inc.
Sure-Hold Div., Nashua Gummed and Coated Paper Co., Franklin St.

NORTH CONWAY

Craig Supply Co. (E & S)

WILTON

Frye & Sons, E. B.

NEW JERSEY

AMPERE

Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Iron Works

ATLANTIC CITY

Hoffman Co., F. W., 2648 Atlantic Ave. (E)
Jersey Supply Co., 1814 Atlantic Ave. (S)

BELLEVILLE

Kidde & Co., Inc., Walter, 675 Main St.
Resinoflex Corp., 39 Plainfield Rd.
Wallace & Tiernan Products, Inc., 1 Main St.

BERGENFIELD

Pyrometer Instrument Co., Inc., Portland & Dedford Aves.

BLOOMFIELD

General Electric Co., Air Conditioning Dept., 5 Lawrence St.
General Electric Co., 39 Lackawanna Plaza
Sec-O-Matic Corp., 55 La France Ave.
Westinghouse Electric Corp., Lamp Div.

CAMDEN

Braun, Inc., S. G., 832 Federal St. (E)
General Aniline & Film Corp., Special Products Sales Div., 223 Cooper St.
General Machine Supply Co., 933 Market St.
Iova Soap Co., 17th & Federal Sts.
Kohnstamm & Co., Inc., H., Lois & Lemuel Ave. (E & S)
Progressive Textile Mfg. Co., 2232 River Ave.
Standard Soap Co. of Camden, 205 S. Second St.
Walworth Co., 300 Broadway
Webster & Co., Warren, 17th & Federal Sts.

CARLSTADT

Wolf & Co., Jacques, Foot of Berry St.

CARTERET

American Mineral Spirits Co.

CHATHAM

Atlantic Stampruf Co., P. O. Box 11

CLAYTON

Hungerford & Terry, Inc., 226 Atlantic Ave.

CLIFTON

Eastern Cyclone Conveyor System, Inc.
Fre-Ble-Pac, Inc.
Takamine Laboratory, Inc., 193 Arlington Ave.

CRANFORD

Gorton Heating Corp.

EAST NEWARK

Lincoln-Hudson Rug Dyers, Inc., 900 Passaic Ave.

EAST ORANGE

Capital Equipment Co., 34 Melmore Gardens (E)
Crystalite Co., Inc., 283 McKinley Ave.
Jim Dandy Products, 134 Eaton Pl.
Howe Scale Co., 14 Hollywood Plaza
Permutit Co., 323 William St.
Robot Laundry Machinery Corp. of California, 129 N. Walnut St.

ELIZABETH

Davis Engineering Corp., 1064 E. Grand St.
Kuehne Chemical Co., 878 Woodruff Lane (S)
Nuodex Products Co., Inc., 830 Magnolia Ave.

GARFIELD

Dixo Co., 225 River Rd.

THE DIXO COMPANY
Manufacturing Chemists
Dry Cleaning Soaps & Spotters
225 River Road, Garfield, N. J.

Laurel Co., 129 Grand St.

GARWOOD

Magnus Chemical Co., Inc., South Ave.

GILLETTE

Pennington, C. W., Riverview Ave.

GLEN ROCK

Metalastic Mfg. Corp., 536 Broad St.

GROVEVILLE

McEnnoyl Co., W. J., 63 Church St.

HARRISON

Nopco Chemical Co., Inc., First & Essex Sts.
Quartullio Chemical Supply Co., 105 Harrison Ave. (S)
Theobald Industries, P. O. Box 72
Walworth Co., 460 S. Second St.
Worthington Pump & Machinery Corp.

HOBOKEN

Atlantic Stampruf Co., 19 Hudson Pl.
Autographic Register Co., Seventh & Park
Cravenette Co., 729 Madison St.
Detroit Belt Lacer Co., 165 Eighth St.
Stampruf Mfg. Co., 19 Hudson Pl.

IRVINGTON

American Abrasive Metals Co., 460 Coit St.
Chosen Fan & Blower, 1206 Grove St.

JERSEY CITY

American Wire Form Co., 265 Grant Ave.
Braun, Inc., Samuel C., 404-414 Tonnele Ave. (E & S)
Colex Corp., 85 Franklin St.
Colgate-Palmolive-Peet Co., 105 Hudson St.
Dixco Corp., 771 Communipaw Ave.
Economic Specialty Co., 448 Second St. (E & S)
Everlasting Valve Co., 49 Fisk St.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Kallman Specialties Co., 445 Second St. (E & S)

COMPLETE LINE OF SUPPLIES
and EQUIPMENT for LAUNDRIES
and DRY CLEANERS
WRITE OR PHONE
KALLMAN SPECIALTIES CO.
445 Second St., Jersey City 2, N. J.
JOURNAL SQUARE 5-1900

Merson Products Co., 63 Essex St.
Midland Color & Chemical Co., 15 Greene St. (E & S)

MIDLAND
COLOR & CHEMICAL CO.
SUPPLIES—CHEMICALS—EQUIPMENT
"Technical Specialists"
15 Greene St. Jersey City 2, N. J.
NYC—Tel.: Digby 9-2825
NEW JERSEY—Tel.: DElaware 3-1739

Ray Oil Burner Co., 629 Grove Ave.

KEARNEY

Theobald Industries, Foot of Sanford Ave.
Wilson Chemical Co., A. L., 38 Passaic Ave.

KENILWORTH

American Laundry Machinery Co., Monroe & Seventh Sts.

LINDEN

Cook's Sons, Inc., Adam, 5 N. Stiles St.
Liquid Conditioning Corp., 114 E. Prior St.

LYNDHURST

Leslie Co., 286 Delafield Ave.

LODI

Washine National Sands, Inc., 165 Main St.

MONTCLAIR

Time Savers, Inc., 83-99 Walnut St. (E & S)

NEWARK

American Oil & Supply Co., 238 Wilson Ave. (S)
Armour & Co., 197 High St.
Barbir Laundry Machine Co., 29 Calumet
Breger Brothers, 95 Mercer St. (S)
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 1060 Broad St.
C-O-Two, U. S. Highway No. 1.
Crane Co., 90 South St.
Davis Emergency Equipment Co., Inc., 45 Halleck St.
Dixo Co., 92 Maple Ave.
Dworet & Smith Chemical Co., 374 Mulberry St. (S)
Federal Equipment Co., Inc., 560 Clinton Ave. (E)
Holland Supply Co., 12 Milton St. (E & S)

MR. DRYCLEANER
for Supplies, Chemicals & Equipment
write or phone
HOLLAND SUPPLY COMPANY
Tel: MArket 2-4958
12 Milton St. Newark 3, N. J.

Holt Mfg. Co., 272-278 Badger Ave.
Indiana Mfg. Co., Inc., 560 Clinton Ave.
Ingersoll-Rand Co., 899 Freilinghuysen Ave.
International Ticket Co., 50 Grafton Ave.
Link-Belt Co., 9 Clinton St.
Lubriplate Div., Fiske Brothers Refining Co., 129 Lockwood St.
Petroleum Heat & Power Co., 927 S. Broad St.
Poles Textile Co., Inc., 772 High St. (S)
Procter & Gamble Distributing Co., Essex Bldg., 31 Clinton St.
Pyrene Mfg. Co., 560 Belmont Ave.
Rand & Sons, M., 27 West St. (S)
Reliable Steam Press Machinery Service, Inc., 175 Bergen St. (E)
Sarco Co., Inc., 1175 Broad St.
Spencer Turbine Co., 24 Commerce St.
Titeflex, Inc., 596 Freilinghuysen Ave.
Union Steam Pressing Machinery Co., 282 15th Ave. (E)

GROSS MACHINERY DISTRIBUTOR
Union Steam Pressing Machine Co.
DRYCLEANING MACHINERY
NEW & USED
282 15th Ave. Newark, N. J.
Tel: Bigelow 3-1509

U. S. Hoffman Machinery Corp., 800 McCarter Highway
Vita-Var Corp., 46 Albert Ave.
Weston Electrical Instrument Corp., 614 Freilinghuysen Ave.
White Machine Co., Inc., 104-106 Livingston St.
Willcox & Gibbs Sewing Machine Co., 60 Park Pl.
Wood's Sons Co., T. B., 83 Plain St.

NORTH ARLINGTON

Subox, Inc., 347 River Rd.

NORTH BERGEN

American Air Compressor Corp., 48th St. & Dell

NUTLEY

Bergen Machine Tool Co., Inc., Bande Unit Springs Div., 189 Franklin Ave.

PALMYRA

Jensen Mfg. Co., Broad St. & Hylton Rd.

PASSAIC

Brody & Son, Inc., Louis, 388 Monroe St. (S)
Wolf & Co., Jacques, Box 839

PATERSON

Beiro Industrial Equipment Div., Inc., 50 Iowa Ave.
Hercules Filter Corp., 204 21st Ave.
New York Pressing Machinery Corp., 230 E. 16th St.
Pennsylvania Salt Mfg. Co., 152 Market St.
Ravochem Products Co., 20 E. 19th St.
Scher Bros., 222 Railroad Ave. (S)
Wollen Chemical & Supply Co., Waite St. & Sixth Ave. (S)

PHILLIPSBURG

Baker Chemical Co., J. T., N. Broad St.

PLAINFIELD

Brunswick Supplies, 126 W. Second St. (S)
Fairfield Laboratories, Mechanical Products Co., 1147 S. Second St.

RED BANK

Paderaft Corp., 480 W. Front St.
Smith, Inc., X. S., Box 272

RIDGEWOOD

Marlow Pumps, Box 566

SOMERVILLE

Diehl Mfg. Co., Electrical Div., Singer Mfg. Co., 1136 Finderne Ave.

SOUTH KEARNEY

American Mineral Spirits Co., 75 Jacobus Ave.
Washine National Sands, Inc., Jacobus Ave.

TETERBORO

Eclipse Pioneer Div., Bendix Aviation Corp.

TRENTON

American Oil & Supply Co., 289 N. Willow St. (S)
Armour & Co.
Carll Sons, Chas. W., Cole St. & Reading R. R.
Crane Co., 50 Escher St.
De Laval Steam Turbine Co., 853 Nottingham Way
Heinemann Electric Co., Pennsylvania Ave. & Plum St.
Philco Corp., Storage Battery Div., 467 Calhoun St.
Roller Bearing Co. of America, Whitehead Rd.
Star Service Hanger Div. L. A. Young Spring & Wire Corp., 1945 E. State St.
United Steam Machinery Co., 23 Hobart Ave. (E)

WESTFIELD

Norton & Williams, 608-626 North Ave. (E & S)

WEST NEW YORK

Chase Co., W. M., The, 137 64th St.

WEST ORANGE

Kaye & MacDonald, Inc., 88-96 Franklin St.

WEST PATERSON

Haring & Stephens Co., 635 McBride Ave.

NEW MEXICO

ALBUQUERQUE

Crane-O'Fallon Co., 612 N. First St.
Hale Sanitary Supply Co., 1024 N. Fourth St. (S)
Laundry Supply Co., Inc., 2723 Monterrey Dr. (E & S)

Merchants Chemical Co., Inc., 105 E. Central (E & S)
Spring Transfer Co. (S)

NEW YORK

ALBANY

Albany Soap Corp., 46 Delaware Ave.
Armour & Co.
Autographic Register Co., 80-82 State St.
Bowser, Inc., 966 Broadway
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 50 State St.
Christian Bros. Soap Co., 42 Delaware Ave.
Crane Co., N. Broadway
Cyclotherm Corp., 452 Broadway
Eastern Chemicals, Inc., P. O. Box 390 (S)
GMC Truck & Coach Div., General Motors Corp., 5 Wolfert Ave.
Louden Machinery Co., 1947 Broadway
Morwhite Chemical Co., Inc., 79 Tivoli St. (E & S)
Ramsey Chain Co., Inc., 1031 Broadway
Rapids-Standard Co., Inc., 119 State St.
Tyson Trading Co., 3200 Main St. (S)
Worthington Pump & Machinery Corp., 91 State St.

BALDWINSVILLE

Snell Co., A. W. (S)

BELLEVILLE

Kidde & Co., Inc., Walter, 675 Main St.

BINGHAMTON

Collier & Sons, Inc., H. C., 115 Conklin Ave. (S)
Crane Co., 21 Washington St.

BUFFALO

A. B. C. Solution Co., 220 Colorado Ave.
Alert Press Machine Service, 2712 Bailey Ave. (E)
Allegheny-Ludlum Steel Corp., Rand Bldg., 14 Lafayette Sq.
Alox Co., Lenox, 374 Delaware Ave.
Amber Weaving Service, 611 Main St.
American Laundry Machinery Co., 433 Delaware Ave., Room 206
American Mineral Spirits Co., Box 73, Station B
Armour & Co., 809 Babcock
Arrow Tank Co., Inc., 19 Barnett St.
Arthurs-Buffalo Chemicals, Inc., 539 Cornwall Ave. (S)
B. & B. Products Co., 200 Colorado Ave.
Beise Meter Co., 705 Ellicott Sq. Bldg.
Bancroft Press Machine Service, 45 York St.
Bemis Bro. Bag Co., 711 Northland Ave.
Berger Damage Reweaving Co., 668 Madison Ave.
Berger Mfg. Div., Republic Steel Corp., 1434 Rand Bldg.
Bison Laboratories, 80 Leslie St.
Bowser, Inc., White Bldg.
Brunt Mfg. Co., 64 S. Division St.
Buffalo Meter Co., 2917 Main St.
Carbide & Carbon Chemicals Corp., Unit of Carbide & Carbon Corp., 421 Main St.
Chemical Sales Corp., 1382 Niagara St. (E & S)
Crane Co., 201 Church St.
Cutler-Hammer, Inc., 295 Main St.
Dicalite Div., Great Lakes Carbon Corp., Ellicott Sq. Bldg.
Elliott Co., Crosby Bldg.
Frontier Alkali Corp., 210 Amherst St. (E & S)

SUPPLIES—EQUIPMENT
Phone: DElaware 1130
FRONTIER ALKALI CORP.
210 Amherst St., Buffalo, N. Y.

GMC Truck & Coach Div., General Motors Corp., 21-21 E. Jewett Ave.
Germaniean, Inc., 431 Niagara St.
Gross Machinery Co., Inc., 179-181 Halbert St.
Howe Scale Co., 294 Genesee St. at Spruce
Hubb & Howe, 1702 Elmwood Ave. (S)
Ingersoll-Rand Co., 117 W. Chippewa St.
Kirschner, H. C., 1495 Rogers St. (E)
Kohnstamm & Co., Inc., H., 100 Perry St. (E & S)
Laundry & Cleaning Equipment Service, 240 Kehr St. (E)
Link-Belt Co., 688 Ellicott Sq. Bldg.
Martin Equipment Corp., 788 Hertel Ave.
Mason-Neilan Regulator Co., 518 Jackson Bldg.
NY-Penn Laundry Machinery Corp., 143 Perry St. (E)
Owens-Corning Fiberglas Corp., 1711 Liberty Bank Bldg.
Paisley Products, Inc., 171 Lorraine Dr.
Pant Equipment Corp., 1382 Niagara St. (E)
Pres-Grip Corp., 2108 Main St.
Reliance Electric & Engineering Co., 487 Ellicott Sq. Bldg.

(Continued on next page)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Buffalo *(Continued)*

Revere Copper & Brass, Inc., 1807 Elmwood Ave.
Riverside Chemical Co., Inc., 56 Florence Ave.
Taylor Co., H. D., 105-113 Oak St. (S)
U. S. Gauge, Div. of American Machine & Metals, Inc., 422 Main St.
U. S. Hoffman Machinery Corp., 122 W. Chippewa St.
Worcester Salt Co., 2006 Rand Bldg.
Worthington Pump & Machinery Corp., 27 Church St.

DOBBS FERRY

Arsecent, Inc., Main & Chestnut

ELMIRA

American-La France-Foamite Corp., 100 E. La France St.
Horwitz Bros., 100 E. Church St. (S)

FAYETTEVILLE

Stedford Chemical Co., West Shore Siding (S)

GLOVERSVILLE

Fulton Process & Chemical Co., 95 Beacon St.

GREEN ISLAND

Ewing & Sons, Inc., R.

HAMBURG

Rey-Var Products, 53 Clark St.

LACKAWANNA

Blackmer Pump Co., 153 Lincoln Ave.

MAMARONECK

Perm-Aseptic Corp., 432 Waverly Ave.

MINEOLA

Petroleum Heat & Power Co., 240 Mineola Blvd.

MOUNT VERNON

Furtex Rejuvenating, 50 Crary Ave.
Petroleum Heat & Power Co., 700 S. Columbus Ave.
Tork Clock Co., Inc., 1 Grove St.

NEWBURGH

National Oil & Supply Co., 178 S. Robinson Ave.

NEW ROCHELLE

Packless Metal Products Corp., 31 Winthrop Ave.

NEW YORK CITY

A.A.A. Weaving Service, 1182 Madison Ave.
A A Laundry & Cleaning Machinery Co., 508 Christopher Ave., Brooklyn
Abest Equipment Co., 266 Third Ave.
Academy Hanger Co., Inc., 177 E. 123rd St.
Academy Paper Box Co., 3604 Park Ave.
Ace Machinery Corp., 508 Christopher Ave., Brooklyn (E)
Allegheny-Ludlum Steel Corp., Lincoln Bldg., 60 E. 42nd Street
Allen Billmyre Div., Lamson Corp., 101 Park Ave.
Allied Printing & Stationery Co., Inc., 270 Lafayette St.
Allis Co., Louis, 50 Church St., Room 1960
American Aniline Products, Inc., 50 Union Sq.
American Brake Shoe Co., Kellogg Div., 230 Park Ave.
American Brass Co., American Metal Hose Branch, 25 Broadway
American Felt Co., 290 Fifth Ave.
American Hair & Felt Co., 295 Fifth Ave.
American K. A. T. Corp., 331 Madison Ave.
American-La France-Foamite Corp., Fisk Bldg., Broadway at 57th St.
American Laundry Machinery Co., 40 E. 34th St.
American Mineral Spirits Co., 155 E. 44th St.
American Numbering Machine Co., Atlantic & Shephard Aves., Brooklyn
American Pressboard Co., 110 W. 30th St.
American Sterilizer Co., 200 Fifth Ave.
Amerling Chevrolet Corp., 38-11 13th Ave., Brooklyn
Anchor Laundry Machinery & Service Inc., 83-02 57th Ave., Elmhurst, L. I.
Anderson & Clark, 295 Madison Ave. (E)
Anderson-Prichard Oil Corp., 114 E. 16th St.
Andrew Paper Box & Bag Corp., 845 Gates Ave., Brooklyn
Angelica Uniform Co., 107 W. 48th St.
Ansul Chemical Co., 60 E. 42nd St.
Anthony Co., 47-32 Fifth St., Long Island City
Apex Chemical Co., Inc., 225 W. 34th St.
Apex Cottons, Inc., 530 Melrose, Brooklyn
Aqua-Sec, 1450 Broadway
Arabol Mfg. Co., 110 E. 42nd St.
Armour & Co., 120 Broadway
Arms Textile Mfg. Co., 51 Madison Ave.
Arnold-Hoffman & Co., Inc., 350 Fifth Ave.
Ashton Valve Mfg. Co., 165 Broadway, Room 1728
Asselin, Victor, Inc., 150 W. 30th St.
Aurora Mfg. Co., 273 Tompkins Ave., Brooklyn (S)
Automatic Steam Products Corp., 140 W. 31st St.
Bailey Meter Co., 30 Church St., Room 524
Baker Chemical Co., J. T., 420 Lexington Ave.
Barrett Div., Allied Chemical & Dye Corp., 40 Rector St.
Bassick Co., 475 Fifth Ave.
Bauer, Inc., Samuel & Sons, 143 W. 29th St. (S)
Bellow, Oscar, 1734 St. John's Pl., Brooklyn
Belmont Packing & Rubber Co., 30 Church St.
Bemis Bro. Bag Co., 51st & Second Ave., Brooklyn
Bemis Bro. Bag Co., Lincoln Bldg., 60 E 42nd St., Room 1320
Benjamin's for Motors, Mill Ave. & Ave. U, Brooklyn
Benwall Mfg. Co., 2859 Atlantic Ave., Brooklyn
Berger Mfg. Div., Republic Steel Corp., 101 Park Ave.
Better Packages, Inc., 151 Spring St.
Bigelow-Sanford Carpet Co., 136 Madison Ave.
Bil-Kap Products Co., 700 Elton Ave. (S)
Bimberg, Ben & Co., Inc., 373 Broadway
Bishop Co., Barry, 103 E. 125th St.
Blackmer Pump Co., 71 Murray St.
Bloom Bros., 81 Essex St.
Boron Chemical Corp., 18 W. 37th St.
Bond Street Bag & Paper Corp., 90 First St., Brooklyn
Bonis Bros. Fur Machinery Corp., 312 Seventh Ave.
Boston Gear Works, Inc., 151 Lafayette St.
Bowser, Inc., 420 Lexington Ave.
Brabrook, A. N., 424 Madison Ave.
Brillo Mfg. Co., Inc., 60 John St., Brooklyn
Bristol Co., 230 W. 57th St.
Bronx Pressing Machine Co., Inc., 3623 Third Ave. (E)
Calgon, Inc., 271 Madison Ave.
Callaway Mills, 292 Fifth Ave.
Cambridge Instrument Co., Inc., 3192 Grand Central Terminal
Canton Stoker Corp., 204 State Tower Bldg.
Canvas Specialty Co., 512 Fifth Ave.
Capital Poster Service, 307 Canal St.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 30 E. 42nd St.
Carey Mfg. Co., Philip, 60 E. 42nd St.
Carlton Chemical Co., Inc., 33 Commerce St.
Carman & Co., Inc., 629 W. 27th St. (E & S)
Cash, Inc., J. & J., 12 E. 41st St.
Caterpillar Tractor Co., 350 Fifth Ave.
Certified Chemical Co., 415 Lexington Ave.
Chandler Sales & Service, 245 Seventh Ave. (E)
Chatillon & Sons, John, 85 Cliff St.
Chemical Sales Div., West Side Bag & Paper Co., Inc., 177 E. 123rd St.
Chicago Metal Hose Corp., 7 Dey St.
Chicago Pump Co., 79 Madison Ave.
Clark, Sidney A., 12-21 30th Ave., Long Island City
Clarage Fan Co., 500 Fifth Ave.
Cleaners & Dyers Fur Service, 162 W. 24th St.
Cleaners Sales Co., 201 Washington St. (E & S)
Clinton Foods Inc., 445 Park Ave.
Clopay Corp., 386 Fourth Ave.
Columbia Appliance Corp., 8-16 43rd Ave., Long Island City
Columbia Sewing Machine Corp., 129-131 W. 22nd St.
Combustion Engineering Co., Inc., 200 Madison Ave.
Commercial Investment Trust, Inc., 1 Park Ave.
Commercial Tag Co., 187 Vanderbilt Ave., Brooklyn
Consolidated Products Co., Inc., 15 Park Row (E)
Continental Car-Na-Var Corp., 215 E. 34th St.
Cooper-Bessemer Corp., 25 W. 43rd St.
Crasser & Co., Inc., R. W., 17 E. 42nd St.
Crane Co., 47-36 29th St., Long Island City
Crescent Belt Fastener Co., 247 Park Ave.
Crescent Chemical Div., Hood Chemical Co., Inc., 1819 Broadway
Crewdson Co., 203 E. 43rd St.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 50 Church St.
Crosby Steam Gage & Valve Co., 165 Broadway
Culligan Zeolite Co., 136 Liberty St.
Cummings-Landau Laundry Machinery Co., Inc., 395 Ten Eyck St., Brooklyn
Cutler-Hammer, Inc., 8 W. 40th St.
Cyclotherm Corp., 90 Broad St.
D'Angelo, Louis, 1576 66th St., Brooklyn (E)
Daniels, Inc., C. R., 75 West St.
Darco Corp., 60 E. 42nd St.
Darnell Corp., 60 Walker St.
Dean Hill Pump Co., 55 W. 42nd St.
DeBothezat Fans Div., American Machine & Metals, Inc., Woolworth Bldg.
Dejur Electric Works, 124 Bleecker St.
Demag Co., 420 Lexington Ave.
Detecto Scales, Inc., 1 Main St., Brooklyn
Detex Watchclock Corp., 75 Varick St.
Detrex Corp., 350 Fifth Ave.
DeVilbiss Co., 111 Eighth Ave.
Devoe & Raynolds Co., Inc., 44th St. & First Ave.
Diamond Alkali Co., 570 Lexington Ave.
Diamond Bag Co., 174 Scholes St., Brooklyn (S)
Diamond Chemical Co., Inc., 32-04 Greenpoint Ave., Long Island City
Dicalite Div., Great Lakes Carbon Corp., 18 E. 42nd St.
Diehl Mfg. Co., Div. Singer Mfg. Co., 95 Liberty St.
Dow Chemical Co., 30 Rockefeller Plaza
Dravo Corp., 30 Church St.
Dresser Mfg. Div., Dresser Industries, 122 E. 42nd St.
Drew & Co., Inc., E. F., 15 E. 26th St.
Drico Industrial Corp., 29 Broadway
Durable Fibre Case Co., 17-19 W. Third St.
Duralaum Corp., 23 E. 26th St.
Dutton Co., C. H., 225 Lafayette St.
Economy Mercantile Corp., 122 E. 42nd St. (S)
Edwards, Vincent, 342 Madison Ave.
Electric Auto-Lite Co., Chrysler Bldg.
Electric Storage Battery Co., 23-31 W. 43rd St.
Electro Lift, Inc., 30 Church St.
Elliott Co., 225 Broadway
Ellis Drier Co., 420 Lexington Ave.
Embassy Laundry Supply, 563 Glenmore Ave., Brooklyn (S)
Emess Supply Corp., 344 W. 24th St. (S)
Engineering Co., 75 West St.
Equitable Paper Bag Co., Inc., 47-02 31st Pl., Long Island City
Eureka Button Co., 892 Broadway
Fabric Laundry & Dry Cleaning Machinery Corp., 192 Banker St., Brooklyn
Fafnir Bearing Co., 6 W. 60th St.
Fairbank Co., 393 Lafayette St.
Fair Play Supply Co., 150 Nassau St. (S)
Federated Machinery Co., 101 Park Ave.
Ford Tank & Maintenance Co., Inc., 717 E. 136th St.
Foxboro Co., 420 Lexington Ave.
Franklin Research Distributors, Inc., 432 Fourth St.
Freydberg Bros.-Strauss, Inc., 419 Fourth Ave.
Fumol Corp., 4965 Van Dam St., Long Island City
Gardner-Denver Co., 76 Ninth Ave.
Garlock Packing Co., 114 Liberty St.
General Aniline & Film Corp., Special Products Sales Div., 444 Madison Ave.
General Detroit Corp., 76 Beaver St.
General Detroit Corp., 44-39 Purvis St.
General Dyestuff Corp., 435 Hudson St.
Gilbert & Barker Mfg. Co., 15 W. 51st St.
Gilmer Co., L. H., Div. U. S. Rubber Co., 195 Hudson St.
Gilson Bros., Inc., 100 First St., Brooklyn
Gold Co., M., 200 E. 19th St. (E & S)
Golden-Anderson Valve Specialty Co., 136 Liberty St.
Gold Par Products Co., Inc., 435 W. 30th St. (S)
Gould Pumps, Inc., 11 Park Pl.
Graton & Knight Co., 126 Lafayette St.
Grauer Research & Mfg. Co., 101 Bond St., Brooklyn
Green Fire Brick Co., A. P., 50 Church St.
Gulf Oil Corp., Gulf Refining Co., 17 Battery Pl.
Gummed Tape & Devices Co., 1318-20 60th St., Brooklyn
H. & R. Equipment Co., 759 Sixth Ave.
Hammel-Dahl Co., 12 E. 41st St.
Hardin Co., Inc., J. L., 1263 Atlantic Ave., Brooklyn
Haskelite Mfg. Corp., 901-A Chrysler Bldg., 405 Lexington Ave.
Hatters' Supply House, Inc., 658 Broadway
Haynes Stellite Co., Unit of Union Carbide & Carbon Corp., 30 E. 42nd St.
Heilige, Inc., 3718 Northern Blvd., Long Island City
Henry Hanger Co. of America, 450 Seventh Ave.
Hercules Laundry Machinery Co., Inc., 132-36 W. 124th St. (E)
Hercules Powder Co., 500 Fifth Ave.
Hild Floor Machine Co., 250 E. 43rd St.
Hirsch & Co., Leo H., 280 Second Ave.
Hood Chemical Co., 1819 Broadway
Hooker Electro Chemical Co., 60 E. 42nd St.
Hope Webbing Co., 381 Fourth Ave.
Horn Co., Inc., A. C., 43-36 Tenth St., Long Island City
Howe Scale Co., 76 Ninth Ave.
Hubinger Co., 415 Greenwich St.
Hungerford & Terry, Inc., 342 Madison Ave.
Huron Milling Co., 9 Park Pl.
Hygrade Button & Supply Co., 19 W. 34th St.
Ideal Industries, Inc., 61 E. 11th St.
Imperial Laundry Machinery Co., 245 Huron St., Brooklyn (E)
Industrial Laundry Machinery Co., Inc., Morgan Ave. cor. Stagg St., Brooklyn

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Ingersoll-Rand Co., 11 Broadway
Innis Speiden & Co., 117 Liberty St.
International Boiler Works Co., 101 Park Ave.
International Engineering, Inc., 15 Park Row
International Nickel Co., Inc., 67 Wall St.
International Tag & Salesbook Co., 303 Fifth Ave.
Iron Fireman Corp., 356 Fourth Ave., Brooklyn
Jasper Co., T. G., 1133 Broadway
Jersey Supply Co., 717 Wythe Ave., Brooklyn (S)
Johns-Manville, 22 E. 40th St.
Johnston & Jennings Co., 92 Liberty St.
Kamen Soap Products Co., Inc., 233 Broadway
Kaplan Cleaners & Dyers Fur Service, David, 162 W. 24th St.
Kem Laboratories, 101 E. 144th St., Bronx
Kennedy Car Liner & Bag Co., 24 W. 40th St.
Kenston Chemical & Supply Corp., 800 Third Ave., Brooklyn (E & S)

KENSTON
Chemical & Supply Corp.
Machinery, Equipment and Supplies for the Drycleaning Industry
"IF THE CLEANER USES IT WE HAVE IT"
Distributors for "DETREX"
800-3rd Ave. Brooklyn 32, N. Y.
STerling 8-3722 and 8-3655

Kewanee Boiler Corp., 40 W. 40th St.
Kimball Co., A., 307 W. Broadway
Kingsbridge Machine Works, Inc., 225 E. 138th St. (E)
Kliegman Bros., Inc., 76th St. & 77th Ave., Glendale (E & S)

KLIEGMAN BROS. INC.
GLENDALE, L. I., N. Y.
Serving Metropolitan New York, New Jersey, Conn.
Hegeman 3-0800
KLIEG SPUN

Knight, Maurice A., 55 W. 42nd St.
Kohnstamm & Co., Inc., H., 89-93 Park Pl. (E & S)
Larton Products Co., Inc., 4234-6-8 Third Ave.
Laundry Equipment Sales Co., 44 Dobin, Brooklyn (E)
Laundry Packaging Corp., 58-72 Sedgwick St., Brooklyn
Laundry Products Corp., 390 Butler St., Brooklyn
Lebro Co., 55 Delancey St.
LeGrand Bleach Corp., 111 49th St., Brooklyn
Lewis Invisible Stitch Machine Co., 129 W. 22nd St.
Liberty Marking Tag Co., Inc., 27 Hooper St., Brooklyn
Light Work Products, Inc., 140 Maiden Lane (E)
Link-Belt Co., 233 Broadway
Liquidometer Corp., 39-21 Skillman Ave., Long Island City
Loroco Industries, Inc., 294 Fifth Ave.
Louden Machinery Co., 30 Church St.
Loyal Textile Machinery Corp., 288 Scholes St., Brooklyn
Lunkenheimer Co., 318-322 Hudson St.
McBee Co., 295 Madison Ave.
McLeod & Henry Co., Inc., 154 Nassau St.
MacBeth Corp., 227 W. 17th St.
Mack Trucks, Inc., 350 Fifth Ave.
Macroni, A. F., 53 Bruckner Blvd. (E)
Mallinckrodt Chemical Works, 70-74 Gold St.
Mark-O Corp., 17 W. 60th St.
Mark-Tex Corp., 453 W. 17th St.
Martin Equipment Corp., 163 W. 23 St.
Mason-Neilan Regulator Co., 19 Rector St.
McAvoy Engineering Co., 451 Seneca St., Ridgewood, Brooklyn (E)
McGrane Bros., 44 Court St., Brooklyn
Mears-Kane-Ofeldt, Inc., 108-22 Queens Blvd., Forest Hills, Long Island
Mehl Mfg. Co., 552 Seventh Ave.
Merchants Chemical Co., Inc., 60 E. 42nd St. (E & S)
Mexico Refractories Co., 21 West St.
Miller Laundry Machinery Co., 25 Beaver St. (E)
Mitchell & Son, Inc., John R., 51 Murray St. (S)
Moeller Instrument Co., Inc., 132nd St. & 89th Ave., Richmond Hill, Long Island
Mohawk Rubber Co., 1819 Broadway
Murray Mfg. Co., D. J., 50 Church St.
Mutual Paper Box Co., Inc., 510 W. 27th St.
Mutual Sales Co., 1472 Broadway (E)
Nashua Mfg. Co., 401 Fifth Ave.
National Aniline Div., Allied Chemical & Dye Corp., 40 Rector St.
National Marking Machine Co., 1841 Broadway
National Oil & Supply Co., 50 Church St. (S)
National Starch Products, Inc., 270 Madison Ave.
New Continental Co., 64 Bayard St.
New York High Grade Button Works, 3569 Broadway
New York Net Co., 2555 Webster Ave., Bronx
New York Pressing Machinery Corp., 880-888 Broadway
New York Twine Corp., 43 W. 36th St.
Nice Ball Bearing Co., 55 W. 42nd St.
North American Electric Lamp Co., 92 Warren St.
Nyeco Products Co., 110 W. 29th St.
Nylon Textile Products Co., Inc., 601 W. 26th St.
Oakite Products, Inc., 22 Thames St.
Ohio Injector Co., 5940 Grand Central Terminal
OlsenMark Corp., 124 White St.
Olson Corp., J. B. E., 2059 Coney Island Ave., Brooklyn
Orr & Sembower, Inc., 117 Liberty St.
Owens-Corning Fiberglas Corp., 718 Fifth Ave.
Paasche Airbrush Co., 103 Lafayette St.
Paisley Products, Inc., 630 W. 51st St.
Pantex Mfg. Corp., 136 William St.
Paper Chemicals, Inc., 510 W. 27th St.
Patterson-Kelley Co., Inc., 101 Park Ave.
Peabody Engineering Corp., 580 Fifth Ave.
Pennsylvania Salt Mfg. Co., 40 W. 40th St.
Perfex Corp., 370 Lexington Ave.
Permutit Co., 330 W. 42nd St.
Pest Control Equipment Co., 47 W. 43rd St.
Petroleum Heat & Power Co., 511 Fifth Ave.
Petroleum Heat & Power Co., 106-21 Metropolitan Ave., Forest Hills, Long Island
Phoenix Oil Co., 415 Greenwich St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 30 Rockefeller Plaza
Powers Regulator Co., 231 E. 46th St.
Preferred Utilities Mfg. Corp., 1860 Broadway
Procter & Gamble Distributing Co., 155 E. 44th St.
Prym, Inc., William, 350 Fifth Ave.
Pullclean Towel Cabinet Co., Inc., 430-36 W. 54th St.
Quality Rubber Co., 1080 Broadway, Brooklyn
Quigley Co., Inc., 527 Fifth Ave
Ramsey Chain Co., Inc., 50 Church St.
Rancelles, Inc., John, 210 Water St.
Rapids-Standard Co., Inc., 37 Wall St.
Recordak Corp., 350 Madison Ave.
Red Star Laundry Supply, 664 Wythe Ave., Brooklyn (S)
Reed-Stabin, Inc., 504 62nd St., Brooklyn
Reeves Bros, Inc., 54 Worth St.
Refinite Corp., 223 Broadway, Room 2273
Reintjes, George P., 114 Liberty St.
Reliable Fur Storage Equipment Co., Div. Reliable Machine Works, Inc., 230-40 Eagle St., Brooklyn
Reliance Electric & Engineering Co., 420 Lexington Ave.
Remington Rand Co., 315 Fourth Ave.
Renard's Suede & Leather Cleaners & Redyers, 741 Madison Ave.
Republic Flow Meters Co., 420 Lexington Ave.
Revere Copper & Brass, Inc., New York Central Bldg., 75 E. 45th St.
Roberts Numbering Machine Co., 705 Jamaica Ave., Brooklyn
Roots-Connersville Blower Corp., 122 E. 42nd St.
Ruberoid Co., 500 Fifth Ave.
Rubinoff Co., M., 154-156 W. 27th St.
Russell Mfg. Co., 420 Lexington Ave.
Safety-Notch Tag Co., Inc., 4806 13th Ave.
Salomon & Bro., L. A., 216 Pearl St.
Sanders-Eavenson Chemical Co., 55 Liberty St. (S)
Sarco Co., Inc., Empire State Bldg.
Sarco Co., Inc., 24-29 Bridge Plaza, S., Long Island City
Schleicher, R. H., 169 Greene St.
Schorsch & Co., Inc., 120 Bruckner Blvd.
Schramm, Inc., 90 West St.
Seandex Co., Inc., 41-23 24th St., Long Island City
Sergeant Pulp & Chemical Co., E. M., 7 Dey St.
Shane Uniform Co., Inc., 196 W. 46th St.
Shell Oil Co., Inc., 50 W. 50th St.
Silver Creek Precision Corp., 283 Central Ave., Silver Creek
Simplex Oil Heating Corp., 11 Park Pl.
Singer, Sigmund, 744 E. 49th St., Brooklyn (E)
Singer, Sigmund, 179 Broadway (E)
Singer Sewing Machine Co., 149 Broadway
Singer Textile Machinery Corp., 207 Wooster St.
Sirotta Co., Bernard, 620 Smith St., Brooklyn
Slater-Robbins Co., Inc., 28-44 Borden Ave., Long Island City (E & S)
Sikrack Fittings, 291 Washington St.
Smith Co., Inc., Gilman B., 915 Broadway
Soalco Products Co., Inc., 261 11th Ave. (S)
Solvay Sales Div., Allied Chemical & Dye Corp., 40 Rector St. and 43 Exchange Pl.
Sonneborn Sons, Inc., L., 88 Lexington Ave.
Southern Mills, Inc., 233 Broadway
Spear Box Co., Inc., 270 11th Ave.
Spezman Co., Morris, 120 Liberty St. (E)
Spencer Turbine Co., 101 Park Ave.
Stafford Co., N., 120 Fulton St.
Stafford Co., N., 53rd St. & First Ave., Brooklyn
Staley Mfg. Co., A. E., 420 Lexington Ave.
Stampagraph Co., Inc., 79 Alexander Ave., Bronx
Standard Laundry Supply Co., 30-28 21st St. (S) Long Island City
Stanley Co., Inc., John T., 642 W. 30th St. (S)
Stanley Co., Inc., William W., 401 Broadway
Stauffer Chemical Co., 420 Lexington Ave.
Steamaster Automatic Boiler Co., 37 Wall St.
Stephens-Adamson Mfg. Co., 50 Church St.
Sticht Co., Inc., Herman H., 27 Park Pl.
Strong, Carlisle & Hammond Co., Chrysler Bldg., Room 4606
Sun Fluorescent Electric Co., 1655 Bedford Ave., Brooklyn
Superior Combustion Industries, Inc., 1475 Broadway
Sylvania Div., American Viscose Corp., 122 E. 42nd St.
Sylvania Electric Products, Inc., 500 Fifth Ave.
Taco Heaters, Inc., 342 Madison Ave.
Tagliabue Div., C. J., Portable Products Corp., Room 4114, Woolworth Bldg., 233 Broadway
Taubman, Inc., Samuel, 1 W. 34th St.
Templeton Bros., Inc., 39 Cortlandt St.
Testing Machines, Inc., 427 W. 42nd St.
Texas Co., 135 E. 42nd St.
Thompson Co., Inc., J. Parker, 507 Fifth Ave. (E)
Tingue, Brown & Co., 114 E. 23rd St.
Toledo Scale Co., 305 E. 63rd St.
Tompkins' Label Service, Empire State Bldg.
Troy Laundry Machinery Div., American Machine & Metals, Inc., 233 Broadway
Tru Color Dye Works, Cooper Ave. & Dry Harbor Rd., Brooklyn
United Electric Motor Co., 178 Center St.
United Garment Hanger Co., 301 W. 37th St.
U. S. Blind Stitch Machine Co., 312 Seventh Ave.
U. S. Gauge Div., American Machine & Metals, Inc., 233 Broadway
U. S. Gutta Percha Paint Co., 420 Lexington Ave.
U. S. Hoffman Machinery Corp., 162 Flatbush Ave., Brooklyn
U. S. Hoffman Machinery Corp., 105 Fourth Ave.
U. S. Marking Tag Co., 718 Atlantic Ave., Brooklyn
U. S. Rubber Co., 1230 Avenue of the Americas
U. S. Stoneware Co., 60 E. 42nd St.
Valetor Distributors, Div. of U. S. Hoffman Machinery Corp., 205 Fourth Ave.
Vic Cleaning Machine Co., 157 E. 38th St.
Viking Pump Co., 634 W. 44th St.
Virginia Smelting Co., 76 Beaver St.
Wallerstein Co., Inc., 180 Madison Ave.
Walton Trunk Co., 78 Fifth Ave.
Walworth Co., 60 E. 42nd St.
Walworth International Co., 60 E. 42nd St.
Walworth International Co., 21-07 Borden Ave., Long Island City
Warren Belting Co., Inc., 30 Church St.
Warwick Chemical Co., 580 Fifth Ave.
Washine National Sands, Inc., 37-02 Northern Blvd., Long Island City (S)
Water Service Laboratories, Inc., 423 W. 126th St.
Wescott Products Corp., 131 Lincoln Ave.
Westinghouse Electric Corp., Lamp Div., 40 Wall St.
Weston Electrical Instrument Corp., 50 Church St.
West Side Bag & Paper Co., Inc., 177 E. 123rd St. (E & S)

Westvaco Chemical Div., Food Machinery & Chemical Corp., 405 Lexington Ave.
Whitehouse Products, Inc., 360 Furman St., Brooklyn
Whitlock Mfg. Co., 149 Broadway
Whitman Supply Co., 131 Lincoln Ave. (S)
Williams Laundry Machinery Co., Inc., 3915 22nd St., Long Island City
Wolf Machine Co., 224 Fifth Ave.
Wood Conversion Co., 155 E. 44th St.
Worcester Salt Co., 40 Worth St.
Worthington Pump & Machinery Corp., 2 Park Ave.
Wyandotte Chemicals Corp., 60 E. 42nd St.
Yarnall-Waring Co., 90 West St.
York-Shipley, Inc., 2432 Grand Concourse
Zellermayer & Co., Inc., Nathan, 2106 Washington Ave. (S)
Zephyr Laundry Machinery Co., 101-31 101st St., Ozone Park
Zuckerberg Supply Co., 87 Franklin St. (S)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

NIAGARA FALLS

Hooker Electro-Chemicals, Inc
Moore Business Forms, Inc., 900 Buffalo Ave.
Riverside Chemical Co., Inc., 8604 Jacob Pl.

NORTH TONAWANDA

American District Steam Co., 70 Bryant St.
Riverside Chemical Co., Inc., 871-947 River Rd. (S)

OCEANSIDE

Useful Products, Inc., P. O. Box 235

ONEONTA

Linn Coach & Truck Div., Great American Industries, Inc.

OSWEGO

Ames Iron Works

PALMYRA

Garlock Packing Co., 402 Main St.

PEEKSKILL

Windsor Chemical Co., P. O. Box 8

POUGHKEEPSIE

Lane & Bros., Inc., W. T., Prospect St.

PULASKI

Ontario Iron Works, 32 Park

ROCHESTER

Acme Industrial Compounds Corp., 625 S. Goodman
Alia Co., Louis, 1202 Lincoln Alliance Bank Bldg., 183 E. Main St.
American Brake Shoe Co., Kellogg Div.
American Laundry Machinery Co., 110 Buffalo Rd.
Blackmer Pump Co., 33 University Ave.
Carman & Co., Inc., 95 Frankfort St. (E & S)
Chemical Sales Corp., 74 Castlebar Rd.
Crane Co., 200 South Ave.
Empire Cleaning & Dyeing Works, 622 Hollenbeck St.
Foxboro Co., 1201 Granite Bldg.
George Co., G. D., 625 S. Goodman St. (S)
H & W Chemicals, Inc., 200 Anderson Ave. (S)
Heller Rochester Corp., 113 Franklin St. (E & S)
Nusbaum & Sons, Inc., A., 147-149 St. Paul St. (E & S)

A. NUSBAUM & SONS, INC.
Drycleaning
Supplies and Equipment
Tel.: LOcust 7630-7639
147-149 St. Paul St. Rochester 4, N. Y.

O'Grady, E. J., 57 Wildmere Rd. (E)
Paasche Airbrush Co., 825 Commerce Bldg.
Permutit Co., Inc., 119 Main St., E.
Plant Equipment Corp., 74 Castlebar Rd. (E)
Recordak Corp., 343 State St.
Riverside Chemical Co., Inc., 7 Sumner Park
Rochester Can Co., 114 Greenleaf St.
Samson United Corp., 1700 University Ave.
Seibell Chemical Co., Rockwood Pl. (E & S)
Tad Chemical Co., Div. of Acme Industrial Compounds Corp., 625 S. Goodman
Todd Co., Inc.

ROME

Revere Copper & Brass, Inc.
Rome Soap Mfg. Co., Sixth St.

SCHENECTADY

Bailey Meter Co., 207 State St., Room 53
General Electric Co., 1 River Rd.
Hi-Test Solvent & Chemical Co., Box 7, Bwine Station (S)
Kewanee Boiler Corp., 126 Wall St.
Link-Belt Co., 151 S. Erie Blvd.
Mindel & Sons, A., 716 State St. (E & S)

SENECA

Goulds Pumps, Inc., 300 Fall St.

SYRACUSE

Allegheny-Ludlum Steel Corp., 627 State Tower Bldg.
Allen Billmyre Div., Lamson Corp., 459 Lamson St.
Alia Co., Louis, 4508 E. Genesee St. (Dewitt)
Blackmer Pump Co., 107 Tully St.
Carrier Corp.
Central City Distributing Co., 236 Erie Blvd., E. (E)
Crane Co., 780 W. Genesee St.
Dryco Corp., 4425 James St.
Lamson Corp., 459 Lamson St.
Monarch Laboratories, Inc., 322 University Bldg. (E & S)
Morse Mfg. Co., Inc., 122 Dickersen St.
Procter & Gamble Distributing Co., 1020 State Tower Bldg.
Prosperity Co., Inc., 2131 Erie Blvd., E.
Reliance Electrical & Engineering Co., 422 University Bldg.
Seibell Chemical Co., Inc., Erie Blvd. (E & S)
Smith, Laurence C., 2037 Valley Dr. (S)

In Central New York It's
LAURENCE C. SMITH COMPANY
for Dry Cleaning Supplies and Equipment
Only Larry brings "Service to your Door"
2037 Valley Drive, Syracuse 7, N. Y.
Telephone 9-1241

Solvay Sales Div., Allied Chemical & Dye Corp., Milton Ave.
Syracuse Paper & Twine Co., Inc., 41 S. Clinton (S)
Textile Marking Machine Co., Inc., 246 Walton St.
U. S. Hoffman Machinery Corp., 219 Lamson St.
Weil & Baumer Candle Co., Inc.
Worthington Pump & Machinery Corp., 529 State Tower Bldg.
Wyandotte Chemicals Corp., 506 Onondaga Co. Bank Bldg.

TROY

Hungerford & Terry, Inc., P. O. Box 91
McLeod & Henry Co., Inc., 351 First St.
Taylor Co., H. D., 2200 14th St. (S)

TUCKAHOE

O. D. Chemical Co., 38 Marbledale Rd.

UNADILLA

Tie Co.

UTICA

Brunner Mfg. Co., 1821 Broad St.
Crane Co., 326 Broad St.
Haven Supply Co., 1400 Broad St. (E & S)
Monarch Laboratories, Inc., Box 176 (E & S)

WHITE PLAINS

Zeidler Mfg. Co., 61 Westchester Ave.

YONKERS

Anderson-Campbell, 53 S. Broadway

NORTH CAROLINA

ASHEVILLE

Crane Co., 531 McDowell St.

CHARLOTTE

American Aniline Products, Inc., 301 E. Seventh St.
American Laundry Machinery Co., 204 Latta Arcade
American Monitral Co., P. O. Box 1402
Armour & Co., 1816 Liberty Life Bldg.
Armstrong Machinery Co., 318 W. Trade St. (E)
Arnold-Hoffman & Co., Inc., 2139 N. Tryon St.
Bemis Bro. Bag Co., 1100 Johnston Bldg.
Boggs & Havnaer, Inc., 2019 Thrift Rd. (E & S)

IN CHARLOTTE IT'S
BOGGS & HAVNAER, INC.
for Supplies and Equipment
Tel. Charlotte 3-4113
2019 Thrift Rd. Charlotte 1, N. C.

Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 116½ Church St.
Carey Mfg. Co., Philip, 1429 Bryant St.
Charlotte Leather Belting Co., 314 B. E. Sixth St.
Crane Co., 1307 W. Morehead St.
Duncan & Co., S. H., 218 W. First St. (E & S)

S. H. DUNCAN & CO., INC.
Laundry and Dry Cleaning Supplies and Equipment
Distributor
AMESTEAM OIL FIRED BOILER
Charlotte, N. C.
Phone 3-8414 218 W. First St.

Fafnir Bearing Co., 223 S. Mint St.
Gardner Machinery Corp., N. Andrill Terrace & Seaboard R. R. (E)

GARDNER MACHINERY CORPORATION
Top Lines of Laundry and Cleaning Machinery
WASHERS TUMBLERS
EXTRACTORS PRESSES
New Owners of DURABILT Stainless Steel Washers
Complete facilities for maintenance and service
N. Andrill Terrace & Seaboard Rwy.
Phone 3-6950 P.O. Box 932, Charlotte, N. C.

General Dyestuff Corp., 2459 Wilkinson Blvd.
Houghton & Co., E. F., 1301-05 W. Morehead St.
Hungerford & Terry, Inc., 2400 Eastway Dr.
Kelley Iron Works, 801-11 W. First St. (E)

KELLEY IRON WORKS
Distributor—Manufacturer
Leading Lines
Drycleaning & Laundry Machinery
801-11 W. First St. Charlotte, N. C.
(Tel. 4-9759)

Mathieson Chemical Corp., Liberty Life Bldg.
National Aniline Div., Allied Chemical & Dye Corp., 202-203 W. First Ave.
Nice Ball Bearing Co., 321 N. Caswell Rd.
Permutit Co., 811 E. Morehead St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 307 Johnston Bldg.
Procter & Gamble Distributing Co., Chatham Bldg., Third & College Sts.
Proctor & Schwartz, Inc., 302 Wilder Bldg.
Radiator Specialty Co., 1700-1900 Dowd Rd.
Robot Laundry Machinery Corp. of California, 508 W. Fifth St.
Ross & Co., Inc., F. H., 1649 W. Moorehead St. (S)
Solvay Sales Div., Allied Chemical & Dye Corp., 212 S. Tryon St.
Southern Laundry Machinery Co., Inc., 1005 E. Seventh St. (E)

REBUILDING is our SPECIALTY
New and Used
Drycleaning & Laundry Machinery
PHONE: Day 4-4864; Nite 4-3232
SOUTHERN LAUNDRY MACHINERY CO.
1005 E. 7th St., Charlotte 4, N. C.

Speizman Machinery Corp., 508 W. Fifth St. (E)

SPEIZMAN Machinery Corporation
Jobbers and Distributors
BOWSER Filters—CISSELL Mfg. Co.—EXCELSIOR Mfg. Co.—BILL GLOVER Specialties—MERCURY Cleaning Systems — NEW YORK Pressing Machine Co.—PERRY Laundry Machinery Co.—ROBOT Laundry Machinery Co.—TRIPLEX, Inc.—WESTERN Laundry Machinery Co.—ZEPHYR Laundry Machinery Co.
508 WEST 5th ST. Tel.: CHARLOTTE 4-5546

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

U. S. Hoffman Machinery Corp., Hotel Charlotte
Worcester Salt Co., Liberty Life Bldg.
Worthington Pump & Machinery Corp., 131 Brevard Court

DURHAM

National Textile Conservation Div., Research Laboratories, Sherron Acres

GASTONIA

Falls Supply, 309 S. Linwood St. (S)

DRYCLEANING & LAUNDRY SUPPLIES
TAILORING SUPPLIES
ALTERATIONS MATERIAL
FALLS SUPPLY CO.
Tel.: 5-4371
309 S. Linwood St., Gastonia, N. C.

Henley Paper Co. (S)

GREENSBORO

Allen Supply Co., J. N., Box 870 (S)
Ballard & Co., W. P., 304 Hughes St. (E & S)
Carman & Co., Inc., 517 King St. (E & S)
Carter Co., W. E. (E)
Crane Co., 205 S. Lyndon St.
Kewanee Boiler Corp., 1003 Jefferson Bldg., Box 512
Kohnstamm & Co., Inc., H., Washington & Macon Sts. (E & S)
Morris & Eckels Co. (Carman & Co., Inc., 517 King St. (E & S)
Prosperity Co., Inc., Jefferson Standard Bldg.
Rapids-Standard Co., Inc., 708 Guilford Bldg.
State Cleaners Supply Co., Box 1032 (E & S)
Talley Laundry Machinery Co., Mill St.
U. S. Hoffman Machinery Corp., 305 Tate St.
Worth Distributors, 503 S. Spring St. (S)

GREENVILLE

Butler Engineering Co., Box 1252
Kewanee Boiler Corp., 21 Blue Bldg.

HIGH POINT

Ace Service & Supply Co., 1934 English St. (E & S)
Bassick Co., 101 W. Green St.
Henley Paper Co., 123 S. Hamilton St. (S)
Leonard Pressing Machine Co., 1808 English St.
Stampagraph Co., Inc., 1123 N. Main St.
TickeTag Co., 512 N. Wrenn St.

WILSON

Mansfield Paper Co., P. O. Drawer 1200 (S)

WINSTON-SALEM

Bahnson Co., 1001 S. Marshall St.
Win-Sal Machinery Co., 423 Waughtown St.

WIN - SAL MACHINERY CO.
Drycleaning & Laundry Machinery
SERVING: Virginia, West Virginia, Tenn., North and South Carolina
423 Waughtown St., Winston-Salem, N. C.
PHONE—8362

NORTH DAKOTA

FARGO

Crane Co., 636 Northern Pacific Ave.
Standard Oil Co. (Indiana), 321 10th St.

OHIO

AKRON

Anderson-Prichard Oil Corp., 31 N. Summit St.
Belenky Woolen Co., 60-62 S. High St. (E & S)
Bristol Co., 727 Grant St.
Carey Mfg. Co., Philip, 803 S. High St.
Crane Co., 425 S. High St.
Farley & Co., Russel, 309 Silver St. (S)
Flash-Fast Div. of Louis Marks, Inc., 78 N. Summit St.
Goodrich Co., B. F., 500 S. Main St.
Jay-Dee, Inc., Mfg. Chemists, 946 Kenmore Blvd.
Knight, Maurice A., Kelley Ave.
M. & L. Supply Co., 215 Water St. (E & S)
Mid States Supplies, 60-62 S. High St. (E & S)
Mohawk Rubber Co., 1235 Second Ave.
Rubber City Mfg. Co., 714 N. Main St.
Wagner Awning & Mfg. Co., 873 E. Exchange St.

CANTON

Berger Mfg. Div., Republic Steel Corp., 1038 Belden Ave., N. E.
Canton Stoker Corp., 1600 Andrew Pl., S. W.
Crane Co., 210 Piedmond Ave., S. E.
Culligan Zeolite Co., Clark Bldg., Suite 355
Timken Roller Bearing Co.
Wagner Awning Mfg. Co., 702 Tuscawarus St.

CINCINNATI

Allen Billmyre Div., Lamson Corp., 128 E. Sixth St.
Allis Co., Louis, 1829-30 Carew Tower
American Coolair Corp., 2002 Dallas Ave.
American Engineering Co., 514 Dixie Terminal Bldg.
American Laundry Machinery Co., Ross & Section, Norwood Station
American Mineral Spirits Co., 4619 Reading Rd.
Anderson-Prichard Oil Corp., Losanteville Rd. at Penna. R. R.
Bailey Meter Co., 2309 Carew Tower Bldg.
Bauer Co., Franz, 4141 Montgomery Rd. (E & S)
Berger Mfg. Div., Republic Steel Corp., 330 Dixie Terminal Bldg.
Brandt, Henry H., 2704 N. Bend Rd. (E)
Buckeye Soda Products Co., 32 Main St. (S)
Calvert Aniline & Chemical Co., 225 Walnut St. (S)
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 920 E. McMillan St.
Carey Mfg. Co., Philip, 217-219 E. Eighth St.
Carman Ohio Co., Inc., 102-112 Henry St. (E & S)
Clopay Corp., Clopay Sq.
Covington Paper & Woodenware Co., 220 Greenup (S)
Crane Co., 824 Broadway
Curry Co., J. W., 2615 Cummins St.
Cutler-Hammer, Inc., 804 Plum St.
Delray Industries, Inc., 1904 Freeman Ave.
Diamond Alkali Co., 525 Walnut St.
Dicalite Div., Great Lakes Carbon Corp., 1717 Section Rd.
Diem & Wing Paper Co., Gilbert Ave. Viaduct
Eagle Belting & Leather Co., 1401 Central Parkway
Electric Storage Battery Co., 718-19 Temple Bar Bldg.
Elliott Co., Union Central Bldg.
Emery Industries, Inc., 4300 Carew Tower
Fafnir Bearing Co., 9 W. Court St.
Fleischer Mills, Inc., 376 E. Fifth St.
Franklin Research Distributors, Inc., 224 E. Eighth St.
Fry Bros. Co., 1728-46 Dana Ave. (E & S)
Golden-Anderson Valve Specialty Co., 831 Temple Bar Bldg.
Greaves Machine Tool Co., 2001-17 Eastern Ave.
Hauser-Stander Tank Co., 4838 Spring Grove Ave.
Herbert Chemical Co., Vine & Murray Sts. (S)
Howe Scale Co., 112 W. Court St.
Ingersoll-Rand Co., 224 E. Ninth St.
International Tag & Salesbook Co., 712 Temple Bar Bldg.
Interstate Laundry Supply Co., Inc., 218 Elm St. (S)
Johns-Manville, Central Parkway at Walnut St.
Jung Supply Co., 234 E. Pearl St. (S)
Kewanee Boiler Corp., 9060 Montgomery Rd.
Kirk & Blum Mfg. Co., 2827 Spring Grove Ave.
Kohnstamm & Co., Inc., H., 1314 Bates Ave. (E & S)
Link-Belt Co., 720 Temple Bar Bldg.
Loehl Dye Works, Inc.
Lodge Machinery Co., 2007 Madison Rd.
Lunkenheimer Co., P. O. Box 360, Annex Sta.
Mathieson Chemical Corp., Dixie Terminal Bldg.
Mehl Mfg. Co., 2057 Reading Rd.
Merchants Chemical Co., 216 Elm St. (E & S)
National Marking Machine Co., 4026 Cherry St.
Ohio Mechanics Institute, Central Parkway & Walnut St.
Owens-Corning Fiberglas Corp., 714 Dixie Terminal Bldg.
Paasche Airbrush Co., 828 Broadway
Pennsylvania Salt Mfg. Co., 2208 Carew Tower
Permutit Co., 617 Vine St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 715 Gwynne Bldg.
Procter & Gamble Distributing Co., Gwynne Bldg., P. O. Box 599
Procter & Gamble Distributing Co., Temple Bar Bldg., Court & Main Sts.
Ramberar Paper Co., 809 Walnut St.
Raintite Co., 847 Evans St.
Rapids-Standard Co., Inc., 432 Walnut St.
Recordak Corp., 27 W. Fourth St.
Reliance Electric & Engineering Co., 2909 Carew Tower
Republic Flow Meters Co., 3197 Linwood Ave.
Revere Copper & Brass, Inc., Carew Tower
Solvay Sales Div., Allied Chemical & Dye Corp., 2208 Carew Tower
Stiegler Co., George, 8 Forest Ave.
T. K. F. Engineering & Laundry Machinery Co., 726 W. Front St. (E)
U. S. Hoffman Machinery Corp., 903 Sycamore St.
Veeder-Root, Inc., 111 E. Fourth St.
Weave Masters, Inc., 413 Race St.
Werk Co., M., Murray Rd., St. Bernard
Westvaco Chemical Div., Food Machinery & Chemical Corp., Ninth & Main Sts.
Wizard Weavers, Inc., Carew Tower
Wolf Machine Co., 308 E. Eighth St.
Worthington Pump & Machinery Corp., Cor. Race & Eighth Sts.
Wyandotte Chemicals Corp., 618-619 Gwynne Bldg.
Yarnall-Waring Co., 307 E. Fourth St.

CLEVELAND

Acker Organization, Inc., 3167 Fulton Rd.
Acme Dye House, Inc., 7606 Carnegie Ave.
Addressograph-Multigraph Corp., 1200 Babbitt Rd.
Aerovent Fan Co., 18205 Hiller Ave.
Allegheny-Ludlum Steel Corp., 1593 E. 41st St.
Allen Billmyre Div., Lamson Corp., 528 Auditorium Bldg.
Allis Co., Louis, Union Bldg., 1836 Euclid Ave.
American Brass Co., American Metal Hose Branch, 2906 Chester Ave.
American Engineering Co., 1201 Leader Bldg.
American Felt Co., 830 Vincent Ave.
American - La France - Foamite Corp., 109 St. Clair Ave., N. E.
American Laundry Machinery Co., 4500 Euclid Ave.
American Mineral Spirits Co., 3520 W. 140th St.
American Monorail Co., 13107 Athens Ave.
Andersen, Glenn L., 3887 Bushnell Rd.
Anderson Co., V. D., 1935 W. 96th St.
Armour & Co., 3704 Orange Ave.
B M S Laundry Machinery, Inc., 7000 Union Ave. (E)
Bailey Meter Co., 1050 Ivanhoe St.
Berger Mfg. Div., Republic Steel Corp., 323-324 Bulkley Bldg.
Berwick, W. H., 1560 Waterbury Rd. (E)
Blackmer Pump Co., 1448 E. 49th St.
Boston Gear Works, Inc., 211 St. Clair Ave., N. W.
Bowser, Inc., 1110 St. Clair Ave.
Bristol Co., Engineers' Bldg.
Cambridge Instrument Co., Inc., 1729 Euclid Ave.
Canton Stoker Corp., 1836 Euclid Ave.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 1517 Superior Ave.
Carey Mfg. Co., Philip, 5906-5916 Euclid Ave.
Carman Ohio Co., Inc., 6010 Euclid Ave., Rear (E & S)
Central Brass Mfg. Co., 2950 E. 55th St.
Certified Equipment Co., 1472 E. 25th St.
Chicago Metal Hose Corp., 1940 E. Sixth St.
Clarage Fan Co., 1501 Euclid Ave.
Clark Mfg. Co., 1837 E. 38th St.
Cleveland Garment Hanger Co., 8205 Madison Ave.
Cleveland Laundry Machinery Co., 5618 Hamlet Ave. (E)
Cleveland Laundry Supply Co., 10508 Superior Ave. (S)
Cleveland Rug Cleaning Machinery Co., 5618 Hamlet Ave.
Cobb Co., G. W., 3914 Broadway Ave. (S)
Cowles Chemical Co., 7016 Euclid Ave.
Crane Co., 6215 Carnegie Ave.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 138 Guardian Bldg.
Cutler-Hammer, Inc., 2010 E. 46th St.
Diamond Alkali Co., 300 Union Commerce Bldg., 633 Penton Bldg., 810 Union Commerce Bldg.
Dicalite Div., Great Lakes Carbon Corp., 629 Euclid Ave.
Dow Chemical Co., Terminal Tower
Dravo Corp., 4819 Prospect Ave.
Electric Storage Battery Co., 1012 Engineers' Bldg.
Elliott Co., Guardian Bldg.
Fafnir Bearing Co., 7016 Euclid Ave.
Franklin Research Distributors, Inc., 723-24 Caxton Bldg.
Garlock Packing Co., 1276 W. Third St.
General Electric Co., Lamp Department, Nela Park
GMC Truck & Coach Div., General Motors Corp., 4400 Superior Ave.
Glidden Co., 11001 Madison Ave.
Greif Bros. Cooperage Corp., Wire Garment Hanger Div., 2900 W. 25th St.
Haskelite Mfg. Corp., 971 Union Commerce Bldg.
Heinrich Chemical Co., 2623 Woodhill Ave. (S)
Hercules Filter Corp., 1909 Euclid Bldg.
Houghton & Co., E. F., 4500 Euclid Ave.
Howe Scale Co., 1231 W. Third St.
Ingersoll-Rand Co., Williamson Bldg.
International Tag & Salesbook Co., 1900 Euclid Ave.
Iron Fireman Mfg. Co., 2250 Euclid Ave.
Iron Fireman Mfg. Co., 3170 W. 106th St.
Johns-Manville, 45 Prospect Ave., N. W.
Johnston & Jennings Co., 877 Addison Rd.
Kennedy Car Liner & Bag Co., 801 Caxton Bldg.
Kewanee Boiler Corp., 1401 Prospect Ave., 233 Hanna Bldg.
Key-Tag Checking System Co., 6309 Hough Ave.
Kuhne & Co., Inc., Walter, Hanna Bldg.
Kohnstamm & Co., Inc., H., 2775 Pittsburgh Ave. (E & S)
Laundry Chemicals Co., 4538 W. 130th St.
Link-Belt Co., 548 Rockefeller Bldg.
Mallinckrodt Chemical Works, 715 Prospect Ave.
Mason-Neilan Regulator Co., Union Commerce Bldg.
Mathco Chemical Co., 1505 Broadway (S)
Mendex Corp., 2300 Payne Ave.
Midland Paint & Varnish Co., 9123 Reno Ave.

(Continued on next page)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Cleveland (*Continued*)

Moser Bag & Paper Co., 2049 E. 55th St.
Naph-Sol Refining Co., 2560 Third St. W. (S)
Nash, Henry F., 14611 Terrace Rd. (E)
Nelson Chemicals Corp., 3800 Lakside Ave. (E & S)
Nuodex Products Co., Inc., 1213 W. Third St.
Orr & Sembower, Inc., 15442 Lake Shore Bldg.
Owens-Corning Fiberglas Corp., 825 Hanna Bldg
Paasche Airbrush Co., Sixth & St. Clare Ave.
Paxlee Products, Inc., 7016 Euclid Ave.
Perlex Corp., 2000 E. 102nd St.
Permutit Co., 1526 Euclid Ave.
Phoenix Oil Co., 9505 Cannon Ave.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 3849 Hamilton Ave.
Procter & Gamble Distributing Co., 1900 Euclid Bldg.
Ramsey Chain Co., 3604 W. 123rd St.
Recordak Corp., 812 Huron Rd.
Reliance Electric & Engineering Co., 16129 Euclid Ave.
Reliance Electric & Engineering Co., 1058 Ivanhoe Rd.
Republic Flow Meters Co., 830 Vincent Ave.
Republic Steel Corp., Republic Bldg.
Revere Copper & Brass, Inc., Midland Bldg.
Robot Laundry Machinery Corp. of California, 7000 Union Ave.
Royal Chemical Co., 3949 Ridge Rd. (S)
Salm Machine Co., 6536 Carnegie Ave.
Schutt & Son, 2025 Euclid Ave. (S)
Sec-O-Matic Corp., 6020 Hough St.
Service Reminder Co., 1375 Euclid Ave.
Shields Engineering & Manufacturing Co., 277 E. 156th St.
Signal Chemical Mfg. Co., 2650 Woodhill Rd.
Solvay Sales Div., Allied Chemical & Dye Corp., 928 Midland Bldg.
Stephens-Adamson Mfg. Co., Hanna Bldg.
Stomac Engineering Co., Inc., 2000 W. 25th St.
Strong, Carlisle & Hammond Co., 1392 W. Third St.
Taylorlube Div., C. J., Portable Products Corp., 5902 Carnegie Ave.
Tartonis Co., 4506 Euclid Ave.
Titeflex, Inc., Hippodrome Bldg., Room 310
Trico Chemical Div. of Tri-State Equipment Co., 402 Swetland Bldg.
Tri-State Equipment Co., Trico Chemical Div., 402 Swetland Bldg. (E & S)

TRI-STATE EQUIPMENT CO.
TRICO CHEMICAL DIVISION
Drycleaning and Laundry Supplies and Machinery
402 Swetland Bldg. Cleveland 15, Ohio

Tropical Paint & Oil Co., 1242-1286 W. 70th St.
U. S. Gauge, Div. American Machine & Metals, Inc., 505 Swetland Bldg.
U. S. Hoffman Machinery Corp., 2435 St. Clair Ave.
Veeder-Root, Inc., 1612 Euclid Ave.
Viking Pump Co., 310 Marshall Bldg.
Wagner Awning & Mfg. Co., 2658 Scranton Rd.
Walworth Co., Fidelity Bldg.
Weaver-Rite, Swetland Bldg.
Westvaco Chemical Div., Food Machinery & Chemical Corp., 3540 Croton Ave.
White Motor Co., 847 E. 79th St.
Wilbert-Miller Co., 2185 E. 14th St. (E & S)
Wizard Weavers, Inc., 925 Euclid Ave.
Wood's Sons Co., T. B., 1360 W. Ninth St.
Worthington Pump & Machinery Corp., 522 Terminal Tower
Wyandotte Chemicals Corp., 1102 Midland Bldg.
Yarnall-Waring Co., 452 Rose Bldg.

COLUMBUS

Anderson-Prichard Oil Corp., P. O. Box 153, Bexley Station
Athens Machinery Co., 621 N. Fourth St. (E)
Armour & Co., Columbus Park
Berger Mfg. Div., Republic Steel Corp., 819 Atlas Bldg.
Carroll Co., Frank T., 129 E. Gay St. (S)
Crane Co., 87 N. Front St.
Fisher-Hettinger, Inc., 30 E. Broad St.
Horn & Wing Paper Co., 234 N. Third St.
Ebco Mfg. Co., 401 W. Town St.
Green Fire Brick Co., A. P., 1865 Chatfield Rd.
Janton Co., 426 Donaldson St. (S)
Kover-Stitch Co., 528 E. Town St.
Kewanee Boiler Corp., 224 Lanman Bldg., 20 S. Third St.
Mid States Supplies, Inc.

MID STATES SUPPLIES, INC.
Serving Ohio and Indiana
DRYCLEANING and LAUNDRY SUPPLIES and EQUIPMENT
15 N. Perry St., Dayton 2, Ohio

Standard Chemical Works Co., 1987 E. Main St.
Thomas Co., E. J., 1172 Mt. Vernon Ave. (E & S)
Wagner Awning & Mfg. Co.
Wilbert-Miller Co., 185 S. Davis Ave. (E & S)
Wizard Weavers, Inc., 135 E. Gay St.
Young Co., C. B., 60 E. Prescott St. (E)

DAYTON

Allegheny-Ludlum Steel Corp., 723 Gas & Electric Bldg.
Anderson-Prichard Oil Corp., Station 3, Box 64
Brownell Co., 450 N. Findlay St.
Chrysler Corp., Airtemp Div., 1119 Leo St.
Crane Co., 901 S. Perry St.
Davies-Young Soap Co., 400 N. Findlay St.
Egry Register Co., 429 E. Monument Ave.
Fansteel Bros. Co., 111 W. Court St. (E & S)
Frigidaire Div., General Motors Corp., 300 Taylor St.
International Engineering, Inc., 1057 Bolander Ave.
Lion Uniform Co., 209 S. Jefferson
Marshall Heater Co., 716-26 E. Monument Ave.
Mid States Supplies, Inc., 15 N. Perry St. (E & S)

MID STATES SUPPLIES, INC.
Serving Ohio and Indiana
DRYCLEANING and LAUNDRY SUPPLIES and EQUIPMENT
15 N. Perry St., Dayton 2, Ohio

National Boiler Protector Co., Reibold Bldg.
National Cash Register Co., Main & K Sts.
Ohmer Register Co., 740 Bolander Ave.
Permutit Co., 931 Paterson Rd.
Rapids-Standard Co., Inc., 221 Third National Bldg.
Revere Copper & Brass, Inc., Mutual Home Bldg.
Standard Register Co., 3005 Campbell St.
Thomas Co., E. J., 1172 Mt. Vernon Ave. (E & S)
Vic Cleaning Machine Co., 540 Commercial Bldg.
Wizard Weavers, Inc., Mutual Home Bldg.

DOVER

Invincible Vacuum Cleaner Mfg. Co., 14th & Davis Sts.

EATON

Steffen Canvas Products, 315 S. Beech St.

ELYRIA

Colson Corp., Cedar St.

FREMONT

Fremont Rubber Co., 317 McPherson Highway

GREENVILLE

Snyder, C. C., Box 103 (E)

HAMILTON

Hamilton Caster & Mfg. Co., 1637-43 Dixie Highway
Hamilton Copper & Brass Works, Inc., Dixie Highway & Lincoln Ave.
Klipfel Mfg. Co., 100 Weller Ave.
Ohio Centrifugals Co., 342 S. Monument Ave.

LAKEWOOD

Berwick Distributors, W. H., 1560 Waterbury Rd. (E)
Diamond Chain Co., Inc., 13620 Detroit Ave.
Resisto Laboratories, 1266 Donald Ave.

LIMA

Crane Co., 207 S. Central Ave.
Thompson Chemical Co., 227 S. Pierce St.

LORAIN

Wagner Awning & Mfg. Co., 3059 Cleveland Blvd.

MANSFIELD

Wagner Awning & Mfg. Co., 200 N. Diamond St.

MARION

Berlou Mfg. Co., 35 Blaine Ave.

MONTPELIER

Montpelier Mfg. Co.

MT. VERNON

Cooper-Bessemer Corp., N. Sandusky St.

ORRVILLE

Will-Burt Co.

PAINESVILLE

Coe Mfg. Co., Bank St.

PIQUA

Aerovent Fan Co., 700 E. Ash St.
Orr Felt & Blanket Co.

RAVENNA

Colonial Rubber Co.

READING

Loroco Industries, Inc., 203 E. Benson St.

SALEM

Deming Co.

SPRINGFIELD

International Steel Wool Corp., 2205 Park Rd.
Leffel & Co., James, 426 East St.
Steel Products Engineering Co., 1205 W. Columbia St.

TOLEDO

Allegheny-Ludlum Steel Corp., 912 Toledo Trust Bldg.
American Mineral Spirits Co., Central Ave. & Reynolds Rd.
B & C Engineering Co., 2706 Chestnut St.
Bock Laundry Machine Co., Toledo Factories Bldg.
Crane Co., 384 S. Erie St.
Crossland Mfg. Co., Inc., 2294 Albion St.
Detroit Belt Lacer Co., 1902 Jefferson Ave.
DeVilbiss Co., 300 Philips Ave.
Electric Auto-Lite Co., Champlain St.
Gulf Oil Corp., Gulf Refining Co., Nicholas Bldg.
Hettrick Mfg. Co., 1401 Summit St.
Kewanee Boiler Corp., 2927 Oxbridge Dr.
Laundry & Cleaners Supply Co., 1124 Edison Bldg. (S)
Madison Products Co., 1719 Canton Ave.
Mellowcraft Co., 407-11 Washington St. (S)
Mid States Supplies, Inc.

MID STATES SUPPLIES, INC.
Serving Ohio and Indiana
DRYCLEANING and LAUNDRY SUPPLIES and EQUIPMENT
15 N. Perry St., Dayton 2, Ohio

Owens-Corning Fiberglas Corp., 221 Nicholas Bldg.
Rapids-Standard Co., Inc., 663 Spitzer Bldg.
Schwab Machinery & Supply Co., 201 Lucas St. (E)
Standard Garment Co., 2283 Fulton St.
Thrifty Weavers, 310 St. Clair St.
Toledo Drycleaners & Laundry Supply, 518 N. St. Clair (E & S)
Toledo Scale Co., 1076 Telegraph Rd.
U. S. Hoffman Machinery Corp., 219 18th St.
Wasserstrom & Co., Inc., Louis, 402-12 Monroe St. (E & S)
Waterway Co., Richardson Bldg.
Wilbert-Miller Co., 416 E. Wayne St. (E & S)
Wizard Weavers, Inc., Spitzer Bldg.

TROY

Troy Sunshade Co.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

UPPER SANDUSKY
National Steam Pump Co., 701 W. Johnson

WADSWORTH
Ohio Injector Co., 105 Main St.

WARREN
Beaver Pipe Tools, Inc., 310 Dana, N. E.

YOUNGSTOWN
Conodine Sales Co., 911 Mahoning Bank Bldg.
Cutler-Hammer, Inc., Central Tower Bldg., 11 Central Sq.
LaFrance Dye House, 946 Shehy St.
Leebaw Mfg. Co., 2525 Market St.
Superior Chemical Products Co., 816 Himrod (S)
Wagner Awning & Mfg. Co.

OKLAHOMA

BRISTOW
Nu Way Products, 139 E. Ninth St. (S)

MUSKOGEE
Crane Co., 302 Commercial St.
Hillyer Equipment Sales Co., 516 W. Okmulgee St. (E)
Scott Paper Co., Main St. (S)

OKLAHOMA CITY
Acme Chemical Co., 819 N. Noble St. (S)
Anderson-Prichard Oil Corp., Apco Tower Armour & Co.
B. & T. Chemical Co., 129 E. Main St. (E & S)
Barada & Page, Inc., 203 S. Compress St. (S)
Bemis Bro. Bag Co., 502 Commerce Exchange Bldg.
Biggerstaff, K., 908 N. Hudson (E & S)
Crane Co., 705 W. Main St.
Diamond Alkali Co., 301 S. Compress St.
Empire Cleaners & Tailors Supply Co., 631 W. California St. (E & S)
Kewanee Boiler Corp., 120-28 E. Main St.
McClinton Sales & Service, 3400 S. Robinson (E)
Midvale Industrial Chemical Corp., 301 S. Compress St. (S)
Okopco Chemical Co., 819 W. Noble (S)
Peaslee-Gaulbert Corp., 401 E. California St. (S)
Permutit Co., 2-26 E. Main St.
Riekes & Sons, S., 215 S. Compress St. (E)
Tackett Supply Co., Inc., Clarence, 205 N. W. Second St. (S)
Thompson-Hayward Chemical Co., 825 W. Second St. (S)
U. S. Hoffman Machinery Corp., 601 Terminal Bldg.

PICHER
Ingersoll-Rand Co., 226 West A St.

TULSA
Allegheny-Ludlum Steel Corp., Thompson Bldg.
Barada & Page, Inc., 26 N. Guthrie St. (S)
Blackmer Pump Co., 206-206 N. Denver
Cooper-Bessemer Corp., 201 E. First St.
Crane Co., 623 E. Third St.
Elliott Co., McBirney Bldg.
Golden-Anderson Valve Specialty Co., 315 Thompson Bldg.
Gould Pumps, Inc., 213 E. Archer St.
Green Fire-Brick Co., A. P., 333 Mayo Bldg.
Ingersoll-Rand Co., 319 E. Fifth St.
Kewanee Boiler Corp., P. O. Box 100, 2428 E. 11th St.
Laundry & Chemical Supply Co., Inc., Nichols Storage, 1 N. Boulder (E & S)
Moseley Equipment & Supply Co., 726 W. Third St. (E & S)
Reliance Electric & Engineering Co.
Reed Supply Co., 501 W. First St. (S)
Thompson-Hayward Chemical Co., 36 N. Guthrie (S)
Vaughn Chemical Co., 1102 E. Third St. (S)
Walworth Co., Oklahoma Bldg.
Worthington Pump & Machinery Corp., 424 N. Boulder Ave.

OREGON

ALBANY
Bussard & Son, R. D., 505 E. Fifth Ave.

OSWEGO
Braun, Inc., Philip N., P. O. Box 375 (E)

PORTLAND
American-La France-Foamite Corp., 328 S. W. 11th Ave.
American Ozone Co., 1339 S. E. Eighth Ave.
Berger Mfg. Div., Republic Steel Corp., 317 Builders Exchange Bldg.
Bowser, Inc., 911 N. W. Hoyt St.
Crane Co., 710 N. W. 14th Ave.
Cutler-Hammer, Inc., 208 S. W. Stark St.
Detrex Corp., 1238 N. W. Gleason
Havyssen & Son, E. R., 3116 N. E. Schuyler St. (E & S)
Hild Floor Machine Co., 614 Medical Arts Bldg.
Iron Fireman Mfg. Co., 4629 S. E. 17th Ave.
Kewanee Boiler Corp., 432 Pacific Bldg.
Link-Belt Co., 1637 N. W. 14th Ave.
Mexico Refractories Co., 305 N. E. 22nd Ave.
Mitchell Co., J. B., 6623 S.E. 43rd
Mount Hood Soap Co., Inc., 328 N. W. Glisan St. (S)
National Aniline Div., Allied Chemical & Dye Corp., 730 W. Burnside Ave.
Northwest Cleaners Equipment Co., 15 N. W. Second Ave. (E)
Osmuni & Co., 218 N. E. Broadway (E & S)
Patek & Co., 2536 S. E. 11th Ave., (E & S)
Pennsylvania Salt Mfg. Co., 6450 N. W. Front St.
Perfex Corp., 417 N. E. Couch St.
Permutit Co., 204 Lewis Bldg.
Philadelphia Belting Co., 104 S. W. First Ave.
Raymond, Clinton F., 614 Medical Arts Bldg. (E & S)
Recordak Corp., 115 S. W. Fourth Ave.
Schramm, Inc., 933 Terminal Sales Bldg.
U. S. Hoffman Machinery Corp., 420 S. W. Washington St., Room 412
Van Waters & Rogers Co., 2550 N. W. Yeon (S)
Worthington Pump & Machinery Corp., 409 Concord Bldg.

ST. HELENS
Bemis Bro. Bag Co.

PENNSYLVANIA

ALLENTOWN
Ferguson Co., Alex C.

ARDMORE
Peerless Pump Div., Food Machinery Corp., Suburban Sq.

BRACKENRIDGE
Allegheny-Ludlum Steel Corp.

BRADFORD
Dresser Mfg. Div., Dresser Industries, Inc., 41 Fisher Ave.

BROCKWAY
Paris Mfg. Co.

CHAMBERSBURG
Wood's Sons Co., T. B., Fifth Ave.

COLUMBIA
Cummings-Landau Laundry Machinery Co., Inc., Bridge St.
Keystone Laundry Machinery Co., Bridge St. (E)

EASTON
Kewanee Boiler Corp., 207 Burke St.

EAST STROUDSBURG
International Boiler Works Co., Birch St.
Patterson-Kelley Co., Inc., 104 Warren St.

ELIZABETHTOWN
Theobald Industries, P. O. Box 67

EMMAUS
Superior Combustion Industries, Inc.

ERIE
American Sterilizer Co., 1230 Plum
Ato Chemical Products Co., 2207 W. 26th St. (S)
Erie City Iron Works, 1550 East Ave.
Erie Enameling Co., 1920 Woodrow St.
Northern Equipment Co., 1945 Grove Dr.
Reed Mfg. Co., 1425 W. 8th St.
Ruiseaud Co., 16th St.
Taylor Co., H. D., 1804 Parade St. (S)
Union Iron Works, 15th & Cascade St.

GETTYSBURG
Howard Co., B. J., 329 Baltimore St.

HARRISBURG
Carey Mfg. Co., Philip, 154-158 S. 18th St.
Kewanee Boiler Corp., 277 Cumberland St.

HATFIELD
Hopkins Equipment Co., 68 Maple Ave.

JEANNETTE
Elliott Co.
Pennsylvania Rubber Co., Penn-Craft Park

JOHNSTOWN
Swope Brothers, 647 Main St. (S)

LEESPORT
Eaken, Inc., R. W.

McKEESPORT
Opaloo Laboratory, 18 E. Pitts-McKeesport Blvd.

MEADVILLE
Talon, Inc., 626 Arch St.

MONACA
Memphis Hanger Co., 14th & P. & L. E. R. R.
Pittsburgh Hanger Co., 14th & P. & L. E. R. R.

NORTH GIRARD
Ruland & Oas Mfg. Co., 245 Maple Ave.

PHILADELPHIA
Aerovent Fan Co., 3216 W. Penn St.
Allegheny-Ludlum Steel Corp., 944 Broad St. Station Bldg., 1617 Pennsylvania Blvd.
Allen Billmyre Div., Lamson Corp., 12 S. 12th St.
Allis Co., Louis, 230 S. 40th St.
American Aniline Products, Inc., 210 N. 13th St.
American Brake Shoe Co., Kellogg Div., 1500 Walnut St.
American Brass Co., American Metal Hose Branch, 111 Norris St.
American District Steam Co., Broad St. Station Bldg.
American Engineering Co., Aramingo Ave. & Cumberland St.
American Felt Co., Fifth & Chestnut Sts.
American Ironing Machinery Co., 1626 Wood St. (E)
American-La France-Foamite Corp., 401 N. Broad St.
American Laundry Machinery Co., 3850 Lancaster Ave.
American Mineral Spirits Co., 3701 N. Broad St.
American Monorail Co., 101 N. 33rd St.
American Sterilizer Co., 1616 Walnut St.
Andreassen & Kunk, Inc., 58 N. Front St. (S)
Appelbaum, P., 1944 N. 20th St. (S)
Arabol Mfg. Co., 600 S. Delaware Ave.
Armour & Co., 917 Noble
Arnold-Hoffman & Co., Inc., 1314 Real Estate Trust Bldg.
Arrow Paper Co., 245 Race St. (S)
Atlas Body Co., 4150 E. Thompson St.
Attapulgus Clay Co., 210 W. Washington Sq.
Autographic Register Co., 2206 Chestnut St.
Automatic Temperature Control Co., Inc.
Baeuerle & Motrie Coppersmithing Co., 930-936 N. Front St.
Bailey Meter Co., 402 City Centre Bldg.
Baker Chemical Co., J. T., 12 S. 12th St., Room 911
Barnett & Sons, Inc., Wm., 730-732 S. Broad St. (E & S)
Barrett Div., Allied Chemical & Dye Corp., 36th & Grays Ferry Ave.
Belmont Packing & Rubber Co., Butler & Sepviva St.
Berger Mfg. Div., Republic Steel Corp., 16th & Washington Ave.
Blackmer Pump Co., Wilford Bldg., 33rd & Arch Sts.
Block, M. C., 2601 Parkway
Boston Gear Works, Inc., 401 N. Broad St.
Bostwick-Batterson Co., 313-23 N. 12th St.
Bowser, Inc., 521 Arch St.
Brillo Mfg. Co., Inc., 401 N. Broad St.
Bristol Co., Market St. National Bank Bldg.
Brody & Son, L., 1009 N. Sixth St. (S)
Brown Instrument Co., Div. Minneapolis Honeywell Regulator Co., Wayne & Roberts Aves.
Butler Engineering Co., 6137 Market St.
Cambridge Instrument Co., Inc., 135 S. 36th St.
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 1649 N. Broad St.
Carey Mfg. Co., Philip, 24th & Seigley Ave.
Carman & Co., Inc., 2029-31 W. Madison St. (E & S)
Carson Textile Co., 1 Porter St.
Charlotte Leather Belting Co., 406 N. Third St.
Chicago Metal Hose Corp., Commercial Trust Bldg., Room 1006
Clarage Fan Co., 15th & Market Sts.
Cleaners Sales & Equipment Corp., 1619 N. 52nd St.
Coolerage Corp., 3101 N. 17th St.
Columbia Boiler Co., 3846 Lancaster Ave.
Concord Chemical Co., Public Ledger Bldg.
Cooper & Co., Inc., T. G., Cedar & Venango Sts.
Crane Co., 245 Master St.
Crescent Chemical Div., Hood Chemical Co., Inc., 1807 S. Broad St.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 401 N. Broad St.
Cummings-Landau Laundry Machinery Co., Inc., 6325 Gardens St.
Cutler-Hammer, Inc., 112 W. 12th St.
Daniels, Inc., C. R., 5553 Baltimore Ave.
Dee Paper Co., 821 N. 13th St.

(Continued on next page)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

Philadelphia *(Continued)*

DeVilbiss Co., 401 N. Broad St.
Diamond Alkali Co., 12 S. 12th St.
Diamond Chain Co., Inc., 1011 Chestnut St.
Dicalite Div., Great Lakes Carbon Corp., 1411 Walnut St.
Diehl Mfg. Co., Electrical Div., Singer Mfg. Co., 132 N. 12th St.
Dow Chemical Co., 1400 S. Penn Sq.
Dravo Corp., Broad St. Station Bldg.
Drew & Co., Inc., E. F., 1319 Market St.
Electric Storage Battery Co., 17th St. & Indiana Ave.
Electric Storage Battery Co., Allegheny Ave. & 19th St.
Elliott Co., Morris Bldg.
Engineer Co., 5924 Tulip St.
Enterprise Mill Soap Works, 2229 N. 12th St. (S)
Enterprise Paper Co., Third & Callowhill Sts. (S)
Fafnir Bearing Co., 1523 Fairmount Ave.
Fenton Label Co., 506-12 Race St.
Ferguson Co., Alex C., Drexel Bldg. (S)
Fletcher Works, 213-221 Glenwood Ave.
Foxboro Co., 712 Otis Bldg.
Franklin Research Co., 5134 Lancaster Ave.
G. & L. Co., 1109 W. Allegheny Ave. (E)
Garlock Packing Co., 12 S. 12th St.
General Detroit Corp., 1427 N. Broad St.
General Dyestuff Corp., 123 S. Second St.
GMC Truck & Coach Div., General Motors Corp., 2300 Carpenter
Gifford Mfg. Co., H. M., 2730 B St.
Gilmer Co., L. H., Div. of U. S. Rubber Co. (Tacony)
Girard Tailor Trimming Co., 1132 Girard Ave. (S)
Golden-Anderson Valve Specialty Co., 580 N. 18th St.
Gould Pumps, Inc., 1421 Chestnut
Gracon & Knight Co., 519 N. Broad St.
Gulf Oil Corp., Gulf Refining Co., 1315 Locust St.
Hachik Bleach Co., 50th & Wynnfield Ave.
Hall & Sons, Amos H., 5500 N. Water St.
Harris, William K., 347 N. Second St.
Haskelite Mfg. Corp., 1120 Real Estate Trust Bldg., 1346 Chestnut St.
Hild Floor Machine Co., 1200 Commercial Trust Bldg.
Holt Mfg. Co., 3822 Lancaster Ave.
Houghton & Co., E. F., 303 W. Lehigh Ave.
Howe Scale Co., 1011 Filbert St.
Imperial Products Co., 1600 Fontain St. (S)
Ingersoll-Rand Co., 1600 Arch St.
Industrial Products Co., 2839 N. Fourth St.
International Boiler Works Co., 1087 Commercial Trust Bldg.
Jacobson Dye Works, Inc., Lawrence, Oxford, Summerdale & Comly Sts.
Jaffe, Walter, 506 Bainbridge St. (E & S)

NOTHING BUT THE BEST
(Est. 1917)
Anderson — Armstrong — Bock — Bostitch — Davis — Defender — Dryco — Greenville — IM Cissell — Clopay — Cortirelli — Cottonblossom — — Lincoln Bag — National Chemical — Padcraft — Penn Salt — Pittsburg Tag — Star Hanger — Takamine — Talon — Wallerstein
WALTER JAFFE Drycleaning—Tailoring Supplies & Equipment
506 Bainbridge St., Phila. 47, Pa. MArket 7-8998

Johns-Manville, 1617 Pennsylvania Blvd.
Jones Co., C. Walker, 6135 N. Lambert
Kesler Co., E., Bulletin Bldg.
Kewanee Boiler Corp., 26 S. 20th St.
Keystone Lubricating Co., 21st, Clearfield & Lippincott Sts.
Kimball Co., A., 1211 Chestnut St.
Knode Co., 1524 Chestnut St. (S)
Knott Bag Co., David, 1015 N. Hodgson (S)
Kohnstamm & Co., Inc., H., Lemuel & Lois Ave. (E & S)
Kurtzman's Laundry & Cleaning Supplies Co., 5430 Euclid Ave. (S)
Lake Chemical Co., 520 N. 37th St. (E & S)
Levine, H. D., 1 Porter (S)
Link-Belt Co., 2045 W. Hunting Park Ave.
Lincoln Bag Co., Inc., 111 S. 15th St.
Liquid Conditioning Corp., 17th St. below Allegheny Ave.
Louden Machinery Co., 1503 Race St.
Lunkenheimer Co., 3209-17 B St.
Lutz & Son Dye Works, G., 2438-42 N. Orianna St.
Mallinckrodt Chemical Works, 311 N. Third St.
Martin Equipment Corp., 435 W. Poplar St.
Mason-Neilan Regulator Co., 6908 Market St., Upper Darby
Mathieson Chemical Corp., Widener Bldg.
Mazur Supply Co., 617 Chestnut St. (E & S)
Mears-Kane-Ofeldt, Inc., 1907 E. Hagert St.
Mettah Chemical Co., 2537 Waited (S)
Mexico Refractories Co., 1529 Locust St.
Midland Color & Chemical Co., Inc., 1328 Chestnut St.
Murray Mfg. Co., D. J., Bourse Bldg., Room 1018
National Airoil Burner Co., Inc., 1267 E. Sedgley Ave.
National Aniline Div., Allied Chemical & Dye Corp., 200-204 S. Front St.
National Milling & Chemical Co., 4601 Nixon St.
National Starch Products, Inc., 1305 Germantown Ave.
Nice Ball Bearing Co., 30th St. & Hunting Park Ave.
Ohio Injector Co., 785 Broad St. Station Bldg., & 1617 Pennsylvania Blvd.
Orr & Sembower, Inc., 6816 Market St., Upper Darby
Owens-Corning Fiberglas Corp., 1616 Walnut St.
Paasche Airbrush Co., 101 N. 33rd St.
Pasley Products, Inc., Harrison Bldg., 15th & Market
Para-Lux Products Co., 111 S. 15th St.
Patterson-Kelley Co., Inc., 1700 Walnut St.
Peerless Pump Div., Food Machinery Corp., Suburban Sq., Ardmore
Penn Novelty Co., 228-30 N. 15th St.
Pennsylvania Salt Mfg. Co., 1000 Widener Bldg.
Perfex Corp., 3701 N. Broad St.
Permutit Co., 34 S. 17th St.
Petroleum Heat & Power Co., 810 N. Broad St.
Philadelphia Belting Co., Sixth & Spring Garden Sts.
Philadelphia Quartz Co., Public Ledger Bldg., Sixth & Chestnut Sts.
Pittsburgh Plate Glass Co., Columbia Chemical Div., 1410 Packard Bldg.
Procter & Gamble Distributing Co., 1518 Walnut St. Bldg.
Quigley Co., Inc., 600 S. Delaware Ave.
Recordak Corp., 1020 Chestnut St.
Reliance Electric & Engineering Co., 112 S. 16th
Republic Flow Meters Co., Land Title Bldg.
Revere Copper & Brass, Inc., 1616 Walnut St. Bldg.
Rhoades, Preston T., 520-22 N. 61st St. (E & S)
Ronaflex Tubing Co., Inc., Packard Bldg.
Rutherford & Co., Inc., E. J., 2901 N. American St. (S)

E. J. RUTHERFORD & CO., INC.
2901 N. American St., Phila. 33, Pa.
Phone NEbraska 4-2330
"The Best in Drycleaning & Laundry Supplies"

Smith, Drum & Co., Allegheny Ave. below Fifth
Solvay Sales Div., Allied Chemical & Dye Corp., 12 S. 12th St.
Stadham Co., Inc., 1825-31 N. 20th St. (E & S)
Sterling Supply Corp., 1-35 Porter St. (E & S)

for QUALITY
LAUNDRY & DRY CLEANING
SUPPLIES & EQUIPMENT
HOward 2-8700
STERLING SUPPLY CORP.
1-35 Porter St., Philadelphia 48, Pa.

Strong, Carlisle & Hammond Co., 5547 Pine St.
Sylvania Div., American Viscose Corp., Broad St. Station Bldg.
Titeflex, Inc., 1020 Lafayette Bldg.
Taglabue Div., C. J., Portable Products Corp., 18th & Courtland Sts.
Tompkins Label Service, Frankford Ave. at Allegheny Ave.
Tri-State Equipment Co., 1311 Widener Bldg. (E)
U. S. Gauge Div., American Machine & Metals, Inc., Broad & Chestnut Sts.
U. S. Hoffman Machinery Corp., 1210-16 Race St.
Vesler-Root, Inc., 401 N. Broad St.
Walsh Packing Co., 208-210 Race St.
Water Service Laboratories, Inc., 4018 Sansom St.
Wellington Sears Co., 1015 Chestnut St., Room 923
Westinghouse Electric Corp., Lamp Div., 3001 Walnut St.
Westvaco Chemical Div., Food Machinery & Chemical Corp., 1421 Chestnut St.
Whitlock Mfg. Co., 2206 Chestnut St.
William Soap & Chemical Co., 2802 E. Wishart St. (S)
Wilson Laundry Machinery Co., 3843 Cuthbert St. (E)
Wolf Machine Co., 625 Arch St.
Wolfson, Robert, 8217 Marion Rd., Elkins Park (S)
Worcester Salt Co., 939 N. Delaware Ave.
Worthington Pump & Machinery Corp., 2905 N. Broad St.
Wyandotte Chemicals Corp., 408 Liberty Trust Bldg.
Yarnall-Waring Co., 138 Mermaid Ave.

PITTSBURGH

Allegheny-Ludlum Steel Corp., 2332 Oliver Bldg.
Allen Billmyre Div., Lamson Corp., 306 Commonwealth Annex
American-La France-Foamite Corp., 601-603 Suismon St.
American Laundry Machinery Co., 1218 Empire Bldg.
Angelica Uniform Co., 124 Stanwix St.
Apex Soap & Sanitary Corp., 1128 Island Ave. (S)
Armour & Co., Herr's Island
Autographic Register Co., 704-5 House Bldg.
Baddeley, Inc., M. M., 6340 Penn Ave. (E & S)

M. M. Baddeley, Inc.
6340 Penn Ave., Pittsburgh 6, Pa.
Telephone EMerson 1-1122
SUPPLIES CLEANERS LAUNDRIES
Also Miscellaneous Equipment

Bailey Meter Co., Oliver Bldg., Room 902
Berger Mfg. Div., Republic Steel Corp., 303 Chamber of Commerce Bldg.
Blackmer Pump Co., 915 Union Trust Bldg.
Bowser, Inc., Oliver Bldg.
Bristol Co., 210 E. Parkway, N. S.
Calgon, Inc., Hagan Bldg., 323 Fourth Ave.
Canton Stoker Corp., P. O. Box 4201, Bellevue Station
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 311 Ross St.
Carey Mfg. Co., Philip, Corliss Station
Carman Pittsburgh Co., Inc., 4420 Lorigan St. (E & S)
Carnegie-Illinois Steel Corp., Carnegie Bldg.
Chicago Metal Hose Corp., 3273 W. Liberty Ave.
Crane Co., 40 24th St.
Crescent Chemical Div., Hood Chemical Co., Inc., 233 Oliver Ave.
Crocker-Wheeler Electric Mfg. Co., Div. Joshua Hendy Corp., 1101 Grant Bldg.
Cutler-Hammer, Inc., 355 Fifth Ave.
Diamond Alkali Co., 535 Smithfield
Dean & Wing Paper Co., 8 Duquesne Warehouse
Dravo Corp., Neville Island
Electric Storage Battery Co., 102 Frick Bldg.
Elliott Co., Frick Bldg.
Fafnir Bearing Co., 3400 Forbes St.
Feligan, Inc., E. J., Isabella St. (S)
Fort Pitt Chemical Co., 26th & Smallman Sts. (S)
Franklin Research Distributors, Inc., 239 Fourth Ave.
Gardner-Denver Co., 2040 W. Liberty Ave.
Garlock Packing Co., 800 Penn Ave.
GMC Truck & Coach Div., General Motors Corp., 3701-35 Liberty Ave.
Gerson, A. J., 1909 Sam Nill Ron Blvd. (E)
Gilmer Co., L. H., Div. U. S. Rubber Co., 101 Sandusky St.
Golden-Anderson Valve Specialty Co., Keenan Bldg.
Gould Pumps, Inc., 200 Point Bldg.
Green Fire Brick Co., A. P., 208 Investment Bldg.
Gulf Oil Corp., Gulf Refining Co., 3800 Gulf Bldg.
Gulf Oil Corp., Gulf Refining Co., Gross St. & Penna. R. R.
Hagan Corp., 323 Fourth Ave.
Hammel-Dahl Co., 2106 Clark Bldg.
Hauser-Stander Tank Co., 319 Empire Bldg.
Hercules Filter Corp. (D. D. Foster Co.), 412 Peoples Gas Bldg.
Hild Floor Machine Co., 408 Third St.
Howe Scale Co., 2227 Fifth Ave.
Ideal Industries, Inc., 528 Duquesne Way
Ideal Soap & Chemical Co., 2809 Bigelow Bldg.
Ingersoll-Rand Co., 706 Chamber of Commerce Bldg.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

International Tag & Salesbook Co., 208 Investment Bldg., 239 Fourth Ave.
Johns-Manville, 717 Liberty Ave.
Jones Equipment Co., 408 Third Ave. (E & S)
Kewanee Boiler Corp., 1005 Empire Bldg.
Kohnstamm & Co., Inc., H., 601 E. Robinson St., Northside (E & S)
Link-Belt Co., 436 Seventh Ave.
Loudon Machinery Co., 911 Union Trust Bldg.
Mason-Neilan Regulator Co., 2102 Clark Bldg.
Midland Color & Chemical Co., Inc., Seventh & E. Carson Sts.
Mine Safety Appliances Co., Braddock, Thomas & Meade Sts.
Murray Mfg. Co., D. J., 130 Bradford Ave.
NY-Penn Laundry Machinery Corp., 207 Investment Bldg. (E)
Oil Products Co., 3014 Penn Ave. (E & S)
Owens-Corning Fiberglas Corp., 2003 Clark Bldg.
Pennsylvania Salt Mfg. Co., Union Trust Bldg.
Permutit Co., 615 Dollar Savings & Trust Bldg.
Philadelphia Belting Co., 104 Market St.
Pittsburgh Plate Glass Co., Columbia Chemical Div., Fifth Ave. at Bellefield
Pittsburgh Plate Glass Co., Paint Div., Fifth Ave. at Bellefield
Pittsburgh Tag Co., 1112-20 Galveston Ave.
Pittsburgh Waterproof Co., 2537 Penn Ave.
Procter & Gamble Distributing Co., Maloney Bldg., 339 Blvd. of the Allies
Ramtite Co., 33rd St. & A. V. R. R.
Reconlak Corp., 606 Wood St.
Reliance Electric & Engineering Co., 817 Park Bldg.
Republic Flow Meters Co., Investment Bldg.
Revere Copper & Brass, Inc., Gulf Bldg.
Roberts, Inc., Wm. J., 6640 Hamilton Ave.
Schramm, Inc., 121 Highland Ave.
Solvay Sales Div., Allied Chemical & Dye Corp., 1107 Gulf Bldg.
Spix Products Co., 119 Dahlem St.
Stephenson-Adamson Mfg. Co., Gulf Bldg.
Strunz & Son, Inc., S., 702 Bingham St.
Sunshine Soda Co., Oliver Bldg. (S)
Taglione Div., C. J., Portable Products Corp., 420 Boulevard of the Allies
Tri-State Equipment Co., 239 Fourth Ave. (E)
U. S. Gauge Div., American Machine & Metals, Inc., First National Bank Bldg.
U. S. Hoffman Machinery Corp., 5337 Penn Ave.
Veeder-Root, Inc., 1125 North Ave., Wilkinsburg Station
Walworth Co., Gulf Bldg.
Warnotten, Sam, 2258 Murray Ave.
Watson Standard Co.
Webber, J. M., 1919 Dartmore St. (E)
Westinghouse Electric Corp., Lamp Div., 32 Boulevard of the Allies
Wood's Sons Co., T. B., 425 First Ave.
Worthington Pump & Machinery Corp., 2821 Koppers Bldg.
Wyandotte Chemicals Corp., 1114 Henry W. Oliver Bldg.
Yarnall-Waring Co., 506 Wabash Bldg.
Youngstown Container Corp., 7300 Meade St.

POTTSTOWN

Columbia Boiler Co.
Roots-Connersville Blower Corp., St. Clair Bldg.

POTTSVILLE

Ingersoll-Rand Co., 342 S. Centre St.

READING

Allis Co., Louis, P. O. Box 246
Crane Co., 407 N. Front St.
D'Este Div., American Chain & Cable Co., Inc., Tulpehocken St.
Eakes, R. W., 234 N. 11th St.
Orr & Sembower, Inc., 820 Morgantown Rd.
Reading-Pratt & Cady Div., American Chain & Cable Co., Inc., Tulpehocken St. & Lebanon Valley R. R.
Textile Chemical Co., Front & Spruce St.
U. S. Hoffman Machinery Corp., 1241 Alsace Rd., Hampden Heights

SCRANTON

Central Dyeing Co., 1550 Dickson Ave.
Electric City Dyeing Co., 509 Glenn St.
Ingersoll-Rand Co., 614 Wyoming Ave.
International Salt Co.
Volk, Lawrence B., 1221 Washington Ave.

SELLERSVILLE

U. S. Gauge Div., American Machine & Metals, Inc., Clymer Ave.

SHARON

Garment Finishing Equipment Corp.

SOUTH GREENSBURG

Walworth Co., Huff Ave.

TITUSVILLE

Titusville Iron Works Co., Div. of Strother Wells Corp.

TROY

Troy Engine & Machine Co., 2400 Railroad Ave.

WAYNE

Kinford Co., 218 Lansdowne Ave.

WEST CHESTER

Keystone Tag Co.
Schramm, Inc.

WILKES-BARRE

Kewanee Boiler Corp., 1018 Miners National Bank Bldg.
Link-Belt Co., 726 National Bank Bldg.
Nicholson & Co., W. H., 188 Oregon St.

WILKINSBURG

Paisley Products, Inc., 112 S. Trenton Ave.

WILLIAMSPORT

Blackmer Pump Co., 442 Tenneman Ave., Kenmar Park
Keeler Co., E., 238 West St.

WILMERDING

Westinghouse Air Brake Co., Industrial Div.

YORK

Cutler-Hammer, Inc., 347 W. Springettsbury
York-Shipley Inc., Industrial Div.

RHODE ISLAND

CRANSTON

Carman Mitchell Wing Co., 41 Rhodes Ave.

EAST GREENWICH

Bostitch, Inc.

NORTH PROVIDENCE

Recher & Co., R., 18 Murray St.

PAWTUCKET

Pantex Mfg. Corp., P. O. Box 660
Service Paper Co. (S)

PROVIDENCE

Alrose Chemical Co., P. O. Box 1294
American Amine Products, Inc., 171 Pine St.
American Mineral Spirits Co., 376 Allens Ave.
Armour & Co.
Arnold-Hoffman & Co., Inc., 55 Canal St.
Berberian Co., Z., 174 Chestnut St. (S)
Crane Co., 245 W. Exchange St.
Dinkerman, A. C., 2 Allens Ave. (E)
Draper Soap Co., 171 Front St. (S)
Durant Mfg. Co., 155 Orange St.
General Dyestuff Corp., 85 Tockwotton St.
Hammett-Dahl Co., 247 Richmond St.
Hope Webbing Co.
International Boiler Works Co., 433 New Industrial Trust Bldg.
Lewis, Inc., John D., 68 Traverse St. (S)
Mann & Co., Inc., Geo., 251 Fox Point Blvd. (S)

GEORGE MANN & CO., Inc.
DOW SOLVENTS
Dowclene — Perchlorethylene
Trichlorethylene — Carbon Tetrachloride
251 FOX POINT BOULEVARD
PROVIDENCE, RHODE ISLAND
Gaspee 2466

Mathieson Chemical Corp., Hospital Trust Bldg.
Midland Paint & Varnish Co., 49 Reynolds St.
Petroleum Heat & Power Co., 375 Allens Ave.
Proctor & Schwartz, Inc., 422 Howard Bldg.
Revere Copper & Brass, Inc., Industrial Trust Bldg.
Salisbury Mfg. Co., Box 1523
Texas Engineering Corp., 2 Allens Ave.
U. S. Gutta Percha Paint Co., 10-E Dudley St.
Wilson Co., G. E., 251 Fox Point Blvd. (S)
Worthington Pump & Machinery Corp., 421 Industrial Trust Bldg.

RUMFORD

Rumford Div., Hayden Chemical Corp.

WAKEFIELD

Surplice Paper Clip Co., Kenyon Ave.

WESTERLY

Bostitch, Inc.

SOUTH CAROLINA

COLUMBIA

Kohnstamm & Co., Inc., H., 701 College St. (E & S)
Rembert-Moore Machinery Co., P. O. Box 491 (E)

Machinery Rebuilt
Used machinery and boilers for sale
Practically All Nationally Advertised Lines
REMBERT-MOORE MACHINERY CO.
Box 491 — Columbia, S. C.

Tri-State Supply Co., 1221 Lincoln St. (E & S)
U. S. Hoffman Machinery Corp., 3822 Trenholm Rd.

GREENVILLE

Clinton Foods Inc., 900 Woodside Bldg.
Crane Co., 223 W. McBee Ave.
Greenville Chemical Co., W. Washington St.
Reliance Electric & Engineering Co., 107 Whitsett St.
Veeder-Root, Inc., 231 W. Washington
Williams & Sons, I. B., 802 Woodside Bldg.

SOUTH DAKOTA

ABERDEEN

Crane Co., 324 Railroad Ave., S. E.

HURON

Standard Oil Co., 317 Iowa Ave.

RAPID CITY

Black Hills Chemical Co., 924-28 Philadelphia St., P. O. Box 1407

SIOUX FALLS

Crane Co., 326 E. Eighth St.
Barbarde-Ewing Chemical Co., 416 E. Eighth St. (S)

TENNESSEE

CHATTANOOGA

American Amine Products, Inc., 1208 King St.
Burkhart-Schier Chemical Co., 13 Chestnut St. (E & S)
Crane Co., 1317 Chestnut St.
Green Fire Brick Co., A. P., 1038 E. Main St.
Kewanee Boiler Corp., 801 James Bldg.
Lookout Boiler & Mfg. Co., Manufacturers Rd.
Mexico Refractories Co., 323 Osborne Dr.
Permutit Co., The, 317 Hamilton National Bank Bldg.
Southern Products Co., Inc., 119 Fort St. (S)

JOHNSON CITY

Central Paper & Supply Co., 118 Legion (S)

KNOXVILLE

Burkhart-Schier Chemical Co., 500 McGhee Ave. (E & S)
Crane Co., 523 W. Jackson Ave.
Industrial Colloids & Chemical Co., White & 11th St. (S)
Ingersoll-Rand Co., 412 W. Jackson Ave.
Spearman Machinery Corp., P. O. Box 1322 (E)

MEMPHIS

Apex Co., 12 W. Butler Ave. (E & S)
Armour & Co.
Bemis Bro. Bag Co., 134 E. Carolina Ave.
Bano Supply Co., Inc., 141 S. Third St. (E & S)
Blackmer Pump Co., 2287 Jackson Ave.
Crane Co., 254 Court Ave.
Davis-Weil Mfg. Co., 931 S. Front St.
Diamond Alkali Co., 1381 Helstan Pl.
Engineer Co., 1356 Madison Ave.
Fafnir Bearing Co., 289 Madison Ave.
Franklin Research Distributors, Inc., 701 Exchange Bldg.
GMC Truck & Coach Div., General Motors Corp., 216 S. Pauline St.
Golden-Anderson Valve Specialty Co., 1007 Falls Bldg.
Green Fire Brick Co., A. P., Route 1, Box 20, Raleigh
Grosscer Co., M. H., 11 Nettleton
Hardin Sales Co., J. L., 432 N. Dunlop St.
Ideal Chemical & Supply Co., P. O. Box 5918

(Continued on next page)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Memphis *(Continued)*

Kewanee Boiler Corp., 1030-34 Exchange Bldg.
Kohnstamm & Co., Inc., H., 150 W. Georgia St. (E & S)
Layne & Bowler, Inc., Box 215, Hollywood Station
McCleary Bros., Inc., Second & Auction Sts. (E & S)

PLANNED EFFICIENCY for the SOUTH
Write for details of our "Packaged Plant Plan"
You never outgrow your equipment
You control work flow
Top Rated Lines in
MACHINERY — EQUIPMENT — SUPPLIES
McCLEARY BROTHERS, INC.
2d & Auction Sts. (Tel. 8-0506) Memphis 3, Tenn.

McCleary Industries, Inc., 1490 Grimes St.
Memphis Trimming Co., 43 N. Third St. (S)
Mexico Refractories Co., 1202 Sledge Ave.
Monarch Sales Co., 869 S. Third St. (S)
Myers Paper Co., I. L., 6 W. Calhoun (S)
National Paper & Chemical Co., 564-68 S. Main St. (E & S)
Paper Products Co., 417 Wagner Pl. (S)
Procter & Gamble Distributing Co., 81 Madison Ave., P. O. Box 358
Prosperity Co., Inc., 481 S. Main St.
Ramelli Co., Rudolph, Rose Warehouse (S)
Taylor Paper Co., 426 S. Front St. (S)
Thompson-Hayward Chemical Co., 463 N. Main St. (S)
U. S. Hoffman Machinery Corp., 1100-1102 Union Ave.
Van Vleet-Mansfield Co. (S)
Wellbrook Supply Co., 36 E. Calhoun (S)
Wizard Weavers, Inc., First National Bank Bldg.
Wurzlong Bros., Inc., 710 S. Fourth St. (E & S)

NASHVILLE

Burkhart-Schier Chemical Co., 809-16 Ave. N. (E & S)
Carey Mfg. Co., Philip, 200 11th Ave.
Crane Co., 532 Eighth Ave. S.
Elder Pressing Machine, 108 Shelby Ave. (E & S)
Southern Woodenware Co., 134 Second Ave. N. (S)
U. S. Hoffman Machinery Corp., 1023 Noelton Ave.
Wurzlong Bros., Inc., 11 Cummins Station (E & S)
Yarbrough Supply Co., 8 Cummins Station (E & S)

TEXAS

ABILENE

Chiteman Co., Inc., E. L., 886 Grant Ave.
Youngblood Co., A. B., 210 Locust St. (S)

AMARILLO

Amarillo Paper Co., 700 Grant St. (S)
Dodson Chemical Co., 1022 W. Fifth St. (S)
Fain Chemical Co., H. B., First & Taylor Sts. (S)
State Chemical Co., 207 Polk Ave. (S)

AUSTIN

Austin Tailor Supply Co., 1006 W. Sixth St. (E & S)

BEAUMONT

Crane Co., 720 Fannin St.
Magnolia Petroleum Co. (S)
Stedman Co., Park & Bowie Sts. (S)

BRYAN

Pennsylvania Salt Mfg. Co.

CORPUS CHRISTI

Crane Co., 1212 N. Tancahua St.
Southwestern Specialty Co., Inc. (E)
Thompson-Hayward Chemical Co., 523 Fitzgerald, P. O. Box 1554 (S)

DALLAS

Allan & Co., George B., 401 S. Akard St. (E)
Allen Billmyre Div., Lamson Corp., 1215 S. Haskell Ave.
American Associated Companies, 301 N. Market St.
American Cooler Corp., 833 Haines
American Dyeing & Cleaning Co., 4110 Worth St.
American-La France-Foamite Corp., 2308 Swiss Ave.
American Laundry Machinery Co., 1118 Jackson St.
Barada & Page, Inc., 3206 Beech St. (S)
Berger Mfg. Div., Republic Steel Corp., 6400 Llano Dr.
Billingsly Machinery Co., 4318 Main St. (E)

BILLINGSLY MACHINERY COMPANY
MANUFACTURER—DISTRIBUTOR
"Solving Production Problems Is Our Business"
Phone: Tenison 3-4197
4318 Main Street Dallas, Texas

Bowser, Inc., 2429 Commerce St.
Carey Mfg. Co., Philip, 711 Construction Blvd.
Cook-Machinery Sales Co., 1831 Clarence (E)
Cooper-Bessemer Corp., 1814 Mercantile Bldg.
Crane Co., 814 Young St.
Crescent Chemical Div., Hood Chemical Co., Inc., 2310 Singleton Blvd.
Crosby Steam Gage & Valve Co., 2033 Main St.
Culligan Zeolite Co., 2017 Spring Rd.
Cutler-Hammer, Inc., 1001 Broom St.
Dallas Tailor & Laundry Supply Co., 411 Griffin St. (S)

DALLAS
TAILOR and LAUNDRY SUPPLY COMPANY
411 Griffin
PHONE: C-4557

Daniels, Inc., C. R., 2109 Commerce St.
DeBothezat Fans Div., American Machine & Metals, Inc., Mercantile Bank Bldg.
Detecto Scales, Inc., 2432 Main St.
Diehl Mfg. Co., Electrical Div., Singer Mfg. Co., 339 W. Ninth St.
Doctor Boiler, Inc., 4316 Main St.
Electric Storage Battery Co., 1511 Mercantile Bank Bldg.
Fafnir Bearing Co., 2825 Commerce St.
General Detroit Corp., 2120 Jackson Ave.
GMC Truck & Coach Div., General Motors Corp., 4121 Commerce St.
Golden-Anderson Valve Specialty Co., 1327 Wood St.
Graton & Knight Co., 3330 Elm St.
Grimes Co., 2900 Main St.
Ingersoll-Rand Co., 1728 Canton St.
Kewanee Boiler Corp., 610 Thomas Bldg.
Kimball Co., A., 1702½ Bryan St.
Kohnstamm & Co., Inc., H., 3601 Main St. (E & S)
Lasco Supply Co., 2219 Griffin St., Box 264 (S)

SUPPLIES — EQUIPMENT
George L. Durden
LASCO SUPPLY COMPANY
Phones—Local: Riverside 1923—L. D. 102
2219 Griffin St. Dallas, Texas

Link-Belt Co., 500 Latimer St.
Martin Equipment Corp., 5724 W. Clarridge Circle, Apt. C.
McCinton Sales & Service Co., 1732 Idaho St. (E & S)
Mixe Machinery Co., Ltd., 2903 McKinney St.
National Dryleaning Machinery Co., 600½ Ft. Worth St. (E)
New Ball Bearing Co., 30½ Highland Park Village
Outside Venetian Blind Co., 2625 Elm St.
Owens-Corning Fiberglas Corp., 404 Tower Petroleum Bldg.
Pearce Gardner Corp., 2700 Canton St. (S)
Peerless Pump Div., Food Machinery Corp., 912 Irwin-Keasler Bldg., Commerce & Ervay Sts.
Porto-Fab Co., Inc., 9215 Weiss St.
Procter & Gamble Distributing Co., Burt Bldg., Ervay St. & Patterson Ave., P. O. Box 1740
Prym, Inc., William, Texas Bank Bldg.
Rectorseal Corp., 1508 Young St.
Republic Laundry Machinery Co., 4239 Newton Ave. (E)
Revere Copper & Brass, Inc., Tower Petroleum Bldg.
Southern Cleaners & Laundry Supply Co., 1007 Elm (E & S)

All Makes of Nationally Advertised
EQUIPMENT & SUPPLIES
Southern Cleaners & Laundry Supply Co.
Tel: PRospect 7-8831
1007 Elm St. Dallas 2, Texas

Southern Mills, Inc., 711 Construction Bldg.
Standard Laundry & Cleaning Machinery Co., 6900 Maple Ave., P. O. Box 7251
Steamaster Automatic Boiler Co., 1401 Forest Ave.
Sylvania Div., American Viscose Corp., 69½ Highland Park Village
Taglabue Div., C. J., Portable Products Corp., 810 Main St.
Thompson-Hayward Chemical Co., 4900 Singleton Blvd. (S)
Town Sales Co. Inc., 3200 Main St. (E & S)
U. S. Hoffman Machinery Corp., 2501 Commerce St.
Walworth Co., 1307 Pacific Ave.
Williams & Davis Boiler & Welding Co., Inc., 2527 Canton St.
Willcox & Gibbs Sewing Machine Co., 742 Genoa St.
Worthington Pump & Machinery Corp., 401 Magnolia Bldg.
Wyandotte Chemicals Corp., 1924 Republic Bank Bldg.
Yarnall-Waring Co., 3606 Commerce St.

EL PASO

Crane-O'Fallon Co., 1609 Texas St.
Ingersoll-Rand Co., 1615 Texas St.
Kewanee Boiler Corp., 401 N. Santa Fe St., Box 512
Laun-Dry Supply Co., 830 E. Missouri St. (E & S)
Permutit Co., 312 Mills Bldg.
Southwestern Mill Distributors, 218 N. Campbell St. (S)
Worthington Pump & Machinery Corp., 303 N. Oregon St.

FORT WORTH

Armour & Co.
Carey Salt Co., P. O. Box 626
Carman & Co., Inc., 1101 Foch St. (E & S)
Chicago Metal Hose Corp., 919 Petroleum Bldg.
Elliott Equipment Co., 1201 S. Main St. (E)
Prosperity Co., Inc., 1210-12 Commerce St.
Prym, Inc., William, 901 W. Vickery St.
U. S. Hoffman Machinery Corp., 2012 Grainger St.
Worthington Pump & Machinery Corp., 710 Tex. & Pac. Term. Warehouse

GALVESTON

Worthington Pump & Machinery Corp., 414 Guaranty Bldg.

HARLINGEN

Crane Co., 201 W. C St.
Tri-Pak Machinery Service, Inc., Box 1228

HOUSTON

Allegheny-Ludlum Steel Corp., 808 Petroleum Bldg.
All in One Mfg. & Supply Co., 1408 Cook
American-La France-Foamite Corp., 818 M & M Bldg.
American Laundry Machinery Co., Esperson Bldg., Room 531
American Mineral Spirits Co., 8501 Market St. Rd.
Anderson Co., 1910 Hardy St. (S)
B & G Machinery Co., 307 Peden St.
Bailey Meter Co., 6539 Brompton Rd.
Ballard & Co., Inc., W. P., 2217 McKinney Ave. (E & S)
Barada & Page, Inc., 2812 Center St. (S)
Beans Bro. Bag Co., 2002 Lyons Ave.
Billingsly Machinery Co., 2409 Main St., S.
Blackmer Pump Co., 3227 Milam St.
Bowser, Inc., M & M Bldg.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Bristol Co., Citizens State Bank Bldg.
Butler Mfg. Co., 3205 Harrisburg Blvd.
C & C Water Softener Co., 102 Edgewood St.
Carman & Co., Inc., 1711 Gray Ave. (E & S)
Cooper-Bessemer Corp., 529 M & M Bldg.
Covington Co., Bill, 611 Capitol (S)
Crane Co., 2205 McKinney Ave.
Cutler-Hammer, Inc., 817½ Main St.
Davis Emergency Equipment Co., Inc., 1011 Bell Ave.
Diamond Alkali Co., 1006 Main St.
Dow Chemical Co., 2205 Commerce Bldg.
Dresser Mfg. Div., Dresser Industries, 1121 Rothwell St.
Dutton Co., C. H., 8219 Joplin St.
Elliott Co., M & M Bldg.
Fisher Dye Works, 1813 Emanuel St.
Franklin Research Distributors, Inc., 1002-8 Washington Ave.
Gilmer Co., L. H., Div. U. S. Rubber Co., 1015 N. San Jacinto St.
Gulf Oil Corp., Gulf Refining Co., Gulf Bldg.
Henderson Co., Hugh G., 3204 Polk Ave. (E)

HUGH G. HENDERSON COMPANY
EVERYTHING IN LAUNDRY & DRY CLEANING MACHINERY
3204 Polk Ave.
Phone PR-5382 Houston 3, Texas
Over 28 years of Dependability

Horn Co., Inc., A. C., 2120 Polk Ave.
Houston Laundry Machinery Co., Inc., 2513 Texas Ave. (E)

John Williams, Pres.
SALES SERVICE
MACHINERY—EQUIPMENT
New and Rebuilt
Houston Laundry Machinery Co., Inc.
2513 Texas Ave. Houston 3, Texas
Tel: ATwood 6489

Ingersoll-Rand Co., 1710 Texas Ave.
Johns-Manville, 2212 Polk Ave.
Kauffman's Tailor Supply Co., 4821 S. Main St. (S)
Kewanee Boiler Corp., 4607 Montrose Blvd.
Kohnstamm & Co., Inc., H., 2020 Lyons Ave. (E & S)
Link-Belt Co., 711 Main St.
Matheson Chemical Corp., Second National Bank Bldg.
Milligan Mfg. & Supply Co., C. V., 1408 Cook St. (S)
Mone Machinery, Inc., 2903 McKinney Ave. (E)
Nagel Coat Hanger Co., 1200-18 Oliver St.
National Aroll Burner Co., Inc., 2015 Second National Bank Bldg.
National Machinery Corp., 606 Prairie Ave.
O. K. Products Co., 4911 Harrisburg Blvd.
Peaslee-Gaulbert Corp., 100 Jackson (S)
Permutit Co., 2501 Addison Rd.
Prosperity Co., Inc., 1510 Clay Ave.
Reordak Corp., 743 Merchants & Mfrs. Bldg.
Reliance Electric & Engineering Co., 814 Sterling Bldg.
Revere Copper & Brass, Inc., Mellie Esperson Bldg.
Ron-Lin, Inc., 515 Smith St.
Scientific Supply Co. of Texas, 1116 Hemphill St. (E & S)

DRYCLEANING JOBBERS
SUPPLIES—EQUIPMENT
•
Scientific Supply Co. of Texas
Tel. Charter 4601
1116 Hemphill St., Houston 13, Texas

Solvay Sales Corp., 1 Main St., 1313 City National Bank Bldg.
Stauffer Chemical Co., 518 M & M Bldg.
Texas Soap Mfg. Corp., 4905 Calhoun Rd.
Thompson-Hayward Chemical Co., P. O. Box 413, (S).
Turco Products, Inc., 1606 Henderson St.
Tyson Sales Co., Inc., 1212 Washington St.
U. S. Hoffman Machinery Corp., 3100 Polk Ave.
Walworth Co., Neils-Esperson Bldg.
Weaver & Perry Mfg. Co., 1809 Luzon St.
Wellbrock Supply Co., 36 E. Calhoun
Worthington Pump & Machinery Corp., 1016 Walker Ave.

LUBBOCK

Lubbock Machine Co., Inc., N. Ave. H
Stinson Scientific School of Cleaning & Dyeing
Western Chemical & Supply Co., 614 Broadway, P. O. Box 28 (E & S)

ORANGE

Equitable Paper Bag Co., Inc.
Smith Co., Frank R., 503 Front St.

SAN ANTONIO

Billingsly Machinery Co., 306 Austin St.
Carman & Co., Inc., 723 Navarro St. (E & S)
Crane Co., 1200 E. Houston St.
Industrial Mfg. Co., 415 Carolina St. (E)
Johnson Equipment Co., 1316 N. Alamo St. (E)
Kewanee Boiler Corp., 402 Insurance Bldg.
Kohnstamm & Co., Inc., H., N. Mesquite Ave., Box 1177 (E & S)
Marvel Mfg. Co., 113 Live Oak St. (E)

Genuine Repair Parts for
All make presses & boilers
Steam & gas heated tumblers
No gears, no chains, all ball bearings
MARVEL MANUFACTURING COMPANY
113 Live Oak, San Antonio, Tex.
PHONE: Garfield 8149

Peaslee-Gaulbert Corp., 1502 S. Alamo St. (S)
Rieke & Sons, S., 1903 S. Flores St. (E)
Rosenberg Bros., 113 W. Commerce St. (E & S)
Southwestern Specialty Co., Inc., 403 Dawson St. (E)
Thompson-Hayward Chemical Co., P. O. Box 126 (S)
U. S. Hoffman Machinery Corp., 130 Devonshire Dr.

TYLER

Etex Paper Co. (S)

WACO

Hammond Laundry-Cleaning Machinery Co., Hammond Bldg. (E & S)
Little Frenchman's Dye Works, 921 N. 25th St.
Texas Supply Co., 926 S. 18th (E & S)
Waco Tailor Supply Co., Rear 1013 Austin Ave. (S)

—WATSCO—
Cleaners Supplies
WACO TAILORS SUPPLY CO.
1817 Franklin Ave., Tel.: 4-2721

UTAH

OGDEN

Crane Co., 2001 Wall Ave.

SALT LAKE CITY

Allied Supply Co., 60 E. 13th St., S. (S)
Bemis Bro. Bag Co., 1601 Walker Bank Bldg.
Blackmer Pump Co., 267 W. First St.
Bristol Co., Specialty Sales Co., 206 S. West Temple
Collins, Stanley H. (E)
Crane Co., 307 W. Second S.
Cutler-Hammer, Inc., 149 W. Second St.
Dean Co., 421 E. Fourth St., S.
Denver Fire Clay Co., 157 Second S. (S)
Franklin Research Distributors, Inc., 210 W. Fourth St.
GMC Truck & Coach Div., General Motors Corp., 974 S. Main St.
Ingersoll-Rand Co., 144 S. W. Temple St.
Kewanee Boiler Corp., 204 Dooly Bldg.
Kellogg Co., N. J., 18 W. Seventh St., S. (E)
Laundry Supply Co., 370 W. First St., N. (S)
Magic Re-weaving Service, 28 W. Second St.
Olsen Equipment Co., Ed. T., 1200 S. State St. (E & S)
Patek & Co., 150 W. 13th St., S. (E & S)
Permutit Co., P. O. Box 836
Robot Laundry Machinery Corp. of California, 1200 S. State St.
Western Laundry Press Co., 619 S. Fifth West St.
Worthington Pump & Machinery Corp., 118 Motor Ave.

VERMONT

BURLINGTON

Public Service Paper Co. (S)

RUTLAND

Howe Scale Co., 3547 Scale Ave.
Metager Brothers, 60 Center St.

VIRGINIA

ALEXANDRIA

Carey Mfg. Co., Philip, 421 E. Swann St., Section F.
Morris & Eckels Co., 413 Calvert Ave. (E & S)

ARLINGTON

Cohen & Son, Abe, 1721 Fort Myer Dr.

FREDERICKSBURG

Sylvania Div., American Viscose Corp.

HOPEWELL

G. & G. Chemical Co., 704 W. Broadway, P. O. Box 169
National Cleaners Supply Co., 700-704 W. Broadway

LYNCHBURG

Krebbs Supply Co., E. B., 2101 Hudson St., P. O. Box 831 (S)
Virginia Greenstone Co., Inc., Fort Ave. & Thurman

NORFOLK

Bemis Bro. Bag Co., 1037 W. 26th St.
Crane Co., 2 E. 22nd St.
Peebles, Meade & Co., D., 108 Greens Court (S)
Rhodes & Jordan, Inc., 861 W. 46th St. (E & S)

SUPPLIES—EQUIPMENT
Laundry & Drycleaning
RHODES & JORDAN, INC.
Tel.: 41729 and 29897
861 W. 46th St. Norfolk 8, Va.

Southern Supply & Chemical Co., 423-25 Union St. (S)

SOUTHERN SUPPLY & CHEMICAL COMPANY
Established 1920
INDUSTRIAL CHEMICALS
LAUNDRY & DRYCLEANING SUPPLIES
Dial—Norfolk 2-6669
Daily Deliveries From Norfolk Warehouse
423-25 UNION STREET

Specialty Devices Co., 805 E. 26th St.

RICHMOND

Armour & Co.
Columbia Boiler Co., 1711 Accomac St.
Crane Co., 1225 W. Broad St.
Kewanee Boiler Corp., 72 Paul St., Harrisonburg
National Repair Services, 615 E. Main St.
Phipps & Bird, Inc., 303 S. Sixth St. (S)

PHIPPS & BIRD, INC.
Dependable Launderers & Cleaners Supplies
303 South Sixth Street
Richmond, Virginia
Phone 3-9163

Virginia-Carolina Laundry Supply Corp., P. O. Box IV

Where the BEST in
SUPPLIES & EQUIPMENT
get together
Virginia-Carolina
LAUNDRY SUPPLY CORP.
P. O. Box IV Phone 82-6703

(Continued on next page)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Richmond *(Continued)*

Virginia Leather Co., 2210-2216 McDonough St.
U. S. Hoffman Machinery Corp., 301 E. Franklin St.
Whitlock Mfg. Co., P. O. Box 1243

ROANOKE

Boggs & Havnaer, Inc., 912 3½ St., S. E. (E & S)

IN ROANOKE IT'S
BOGGS & HAVNAER, INC.
for Supplies and Equipment
Tel. 3-0465
912 - 3½ St., S. E. Roanoke 13, Va.

Loeld Dye Works, Inc., 346 W. Salem Ave.
Reliance Electric & Engineering Co.
Virginia Paper & Chemical Co., Inc., 133 W. Salem Ave. (E & S)

WEST NORFOLK

Virginia Smelting Co., Third Ave. & Jefferson St.

WASHINGTON

RENTON

Pacific Car & Foundry Co.

SEATTLE

Allen Billmyre Div., Lamson Corp., 104 East Lake
American-La France-Foamite Corp., 1743 First Ave., S.
American Laundry Machinery Co., 105 Elliott Ave., W., at Denny Way
Angelus Uniform Co., W. Lake Sprague Bldg.
Bailey Meter Co., 715 Securities Bldg.
Ballinger & Co., W. A., 1216 Ninth St., S. (S)
Bauer & Co., C. J., 1406 Ninth St. (S)
Beeson Bro. Bag Co., 65 Atlantic St.
Blackmer Pump Co., 1757 First Ave., S.
Bowser, Inc., 2227 Fifth Ave.
Braun, Inc., Philip N., 617 Harrison St. (E)
Bristol Co., White Bldg.
Brooks, Richard C., 2663 Second St. (S)
Carbide & Carbon Chemicals Corp., Unit of Union Carbide & Carbon Corp., 2961 First Ave., S.
Carey Mfg. Co., Philip, 559 Dexter Horton Bldg.
Cooles Electric Mfg. Co., 2619 First Ave., S.
Continental Car-Na-Var Corp., 1817 Minor Ave.
Crane Co., 419 Second Ave., S.
Cutler-Hammer, Inc., 2727 Fourth Ave., S.
De Laval Steam Turbine Co., 706 Third Ave.
Detroit Corp., 2419 E. Marginal Way
Dow Chemical Co., 1702 Textile Tower
Dutton Co., C. H., 500 First Ave.
Electric Storage Battery Co., 1919 Smith Tower Bldg.
Elliott Co., 1101 Vance Bldg.
Fabior Boiling Co., 611 E. Pine St.
Franklin Research Distributors, Inc., 509 Marion Bldg.
GMC Truck & Coach Div., General Motors Corp., 1703 Broadway
General Pacific Corp., 478 Bell St.
Gilmer Co., L. H., Div. U. S. Rubber Co., 507 Maritime Bldg.
Golden-Anderson Valve Specialty Co., Colman Bldg.
Heavens Supply Co., Inc., H. A., 3140 Elliott Ave. (S)
Hild Floor Machine Co., 519 White Bldg.
Howe Scale Co., 2222 Western Ave.
Ingersoll-Rand Co., 536 First Ave., S.
Johns-Manville, 777 Thomas St.
Kewanee Boiler Corp., 906 Dexter Horton Bldg.
Kohnstamm & Co., Inc., M., 1010 First Ave., S. (E & S)
Lewis Supply Co., 3143 Elliott Ave. (S)
Link-Belt Co., 3403 Sixth Ave., S.
Miller & Co., Inc., Carl F., 1217 Sixth Ave., S. (E & S)
North Coast Chemical & Soap Works, 8207-21 17th Ave. S. (S)
Owens-Corning Fiberglas Corp., 960 Dexter Horton Bldg.
Patek & Co., 1929 First St., S. (E & S)
Permutit Co., 1411 Fourth Ave.
Procter & Gamble Distributing Co., Terminal Sales Bldg., First Ave. & Virginia St.
Raymond, Clinton F., 519 White Bldg. (E & S)
Revere Copper & Brass Inc., 1331 Third Ave.
Sherbrer Machinery Co., 1206 E. Pike St. (E)
Tagliabue Div., C. J., Portable Products Corp., 2137 Second Ave.
Turco Products, Inc., 1920 Fourth Ave., S.
U. S. Hoffman Machinery Corp., 3144 Elliot Ave.
Van Waters & Rogers, Inc., 4000 First Ave., S. (S)
Walworth Co., 157 Cherry St.
Worthington Pump & Machinery Corp., 922 First Ave., S.
Wyandotte Chemicals Corp., 456 Skinner Bldg.

SPOKANE

American-La France-Foamite Corp., 930 W. Second Ave.
Crane Co., 126 S. Post St.
Kewanee Boiler Corp., 2932 E. Trent Ave.
Link-Belt Co., S. 151 Lincoln St.
Miller & Co., Carl F., 121 S. Madison St. (E & S)
Patek & Co., E. 41st & Gray (E & S)
Van Waters & Rogers, Inc., N. 801 Washington St. (S)
Vermeers, M., 1831 E. Ninth St. (S)

TACOMA

Crane Co., 1209 S. A St.
Hooker Electro Chemical Co.
National Soap Co., 357 S. 25th St. (S)
Pennsylvania Salt Mfg. Co., 2901 Taylor Way

WEST VIRGINIA

CHARLESTON

Crane Co., 502 Broad St.
Industrial Equipment Co., Inc., 603 Brook St. (E)
Prosser Co., Inc., B., 418 W. Washington St. (E & S)
Southern Chemical Co., 1565 Hansford St. (S)
Southern Machinery Co., 1565 Hansford St. (E)

CLARKSBURG

Heinze, H. Arthur, 115 Buckhannon Pike (E)

HUNTINGTON

Link-Belt Co., 1301-2 West Virginia Bldg.
Permutit Co., 916 Fifth Ave.
Rife & Co., W. T., 740 Sixth St., W. (E & S)
U. S. Hoffman Machinery Corp., P. O. Box 1743
Wizard Weavers, Inc., Huntington National Arcade

MARTINSBURG

Howard Co., B. J., 10004 Winchester St.

WHEELING

Carey Mfg. Co., Philip, Chapline at 18th St.
Wagner Awning & Mfg. Co., 1417 Chapline St.

WISCONSIN

APPLETON

Kewanee Boiler Corp., P. O. Box 355

GREEN BAY

Kewanee Boiler Corp., P. O. Box 324
Nash-Sol Refining Co., Terminal (S)
Standard Oil Co. (Indiana), 417 Pine St.

KENOSHA

Fink & Sons, Howard, 2224 63rd St.

LA CROSSE

Kewanee Boiler Corp., c/o Trane Co.
Standard Oil Co. (Indiana), 20 Copeland Ave.
Trane Co.

MADISON

Crane Co., 641 Williamson St.
Kewanee Boiler Corp., 503 S. Prospect Ave.
Research Products Corp., 1811 E. Washington Ave.

MANITOWOC

Manitowoc Cotton Goods Mfg. Co., 813 S. Eighth St.
Manitowoc Mfg. Div. of Manitowoc Shipbuilding Co., 512 16th St., N

MARINETTE

Ansul Chemical Co.

MENASHA

Menasha Wood Split Pulley Co., 574 Tayco St.

MILWAUKEE

Allegheny-Ludlum Steel Corp., 647 Bankers Bldg.
Allis-Chalmers Mfg. Co., 1126 S. 70th St.
Allis Co., Louis, 427 E. Stewart St.
Allis Co., Louis, Wisconsin Sales Office, 1324 W. Wisconsin Ave.
American Laundry Machinery Co., 161 W. Wisconsin
American Mineral Spirits Co., 1719 S. 83rd St.
Armour & Co., 438 N. Second St.
Arrow Engineering Service, Inc., 2121 E. Capitol Dr. (E)
Badger Chemical Co., 1132 S. Barclay (S)
Bailey Meter Co., 4337 N. Oakland Ave.
Benner Chemical Co., 647 W. Virginia (S)
Berger Mfg. Div., Republic Steel Corp., 1929 W. Clybourn St.
Blackmer Pump Co., 1133 N. Van Buren St.
Bowser, Inc., 610 W. Michigan
Brann, August F., 1235 E. Seeley (E)
Brandy Engineering Corp., 5003 N. Cumberland St.
Brunder & Zinnel, 6211 Bay Ridge Ave.
C & H Electric Co., 436 W. Juneau Ave.
Callaway Fuel Co., 1323 N. Water St. (S)
Cleaver-Brooks Co., 326 E. Keefe Ave.
Cutler-Hammer, Inc., 536 W. Wisconsin Ave.
Cutler-Hammer, Inc., 315 N. 12th St.
Dorsett Mfg. Co., 1906-A N. Buffum St.
Golden-Anderson Valve Specialty Co., 3945 W. Forest Home Ave.
Green Fire Brick Co., A. P., 111 E. Wisconsin Ave.
Hanger Products Co., 1305 N. Fourth St.
Hild Floor Machine Co., 1200 W. National Ave.
Huebsch Mfg. Co., 3775 N. Holton St.
Hummel & Downing Co., 1514 E. Thomas Ave.
Hydrite Chemical Co., 621 S. 12th St. (S)
Iron Fireman of Milwaukee, Inc., 4507 W. Wisconsin Ave.
Johns-Manville, 757 N. Broadway
Joos Bros. Co., 123 N. Water St. (S)
Kewanee Boiler Corp., 312 E. Wisconsin Ave., Room 502
Kran-Mer Corp., 2433-35 N. Third St.
Laundry Chemical Co., 828 N. Cass St.
Leland Chemical Co., Inc., 838 S. First St. (S)
Lien Chemical Co., 2939 W. Wells St. (S)
Louden Machinery Co., 743 N. Fourth St.
Marvex Products Co., 1219 W. Meinecke Ave.
McGay Sales Co., Walter J., 1193 N. Water St.
Merchants Chemical Co., Inc., 1100 S. Barclay St. (E & S)
Mid-West Laundry Machinery Manufacturers, 4325 W. Lincoln Ave.
Milwaukee Leather Belting Co., 531 N. Broadway
Milwaukee Printed String Co., 2604 W. Fond du Lac Ave.
Mortenseth Chemical Laboratories, 3178 N. Fratney St.
Novel Wash Co., Inc., 431 E. North Ave.
O'Donohue Sales Co., 1012 N. Third St. (E & S)
Oil-Rite Corp., 3434 S. 13th St.
O-So-White Products Co., 1132 S. Barclay
Pasache Aubrioh Co., 1313 N. Water St.
Perfex Corp., 500 W. Oklahoma Ave.
Perfex Corp., 710 S. Third St.
Phoenix Products Co., 4715 N. 27th St.
Poro-Pres Co., 1221 N. 68th St.
Procter & Gamble Distributing Co., Underwriters Exchange Bldg., 828 N. Broadway
Ramtite Co., 647 W. Virginia
Revere Copper & Brass, Inc., 626 E. Wisconsin Ave.
Stadler Textile Weavers, Inc., 812 E. Wisconsin Ave.
Standard Oil Co. (Indiana), 414 W. Michigan St.
Sterling, Inc., 3738 N. Holton St.
Sterne & Maley Co., 1400 E. Boyleton St. (S)
Topp Oil & Chemical Co., 1033 N. Hawley Road
Trico Fuse Mfg. Co., 2948 N. Fifth St.
U. S. Hoffman Machinery Corp., 2719 W. North Ave.
Viking Pump Co., 610 W. Michigan St.
Volz Laundry & Drycleaner's Equipment, A. L., 636 N. 7th St. (E & S)
Wisconsin Equipment Supply Co., 215 S. Second St. (E)

NEW and USED
Drycleaning Equipment
of all kinds
Distributors of
Hammond Laundry-Cleaning Machinery Co.
WISCONSIN
Equipment Supply Company
215 S. 2nd St. Milwaukee, Wisc.

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

Worthington Pump & Machinery Corp., 312 E. Wisconsin Ave.
Wyandotte Chemicals Corp., 1434 First Wisconsin National Bank Bldg.

NEENAH

Snyder Supply Service, Chapman Ave. (E & S)

OCONOMOWOC

National Dryer Mfg. Co., Route 4

OSHKOSH

Crane Co., 37 Market St.
Oshkosh Filter & Softener Co., 51 Cesape St.

PLATTEVILLE

Brenew Co.

RACINE

Devere Co., 2000-2012 Clark St.
Johnson & Son, Inc., S. C.
Modine Mfg. Co.
Young Radiator Co., 709 S. Marquette St.

SHEBOYGAN

Vollrath Co.

TWO RIVERS

Schwartz Co., B. W., Box 205, Washington St.

WATERTOWN

Lewis Co., G. B., P. O. Box 377

WAUSAU

Murray Mfg. Co., D. J., 1002-24 Third St.

WEST BEND

Mona Sales Co., 255 S. Main St.
Pick Mfg. Co., 235 S. Main St.

WYOMING

CASPER

Crane-O'Fallon Co., 802 E. C St.

CHEYENNE

Standard Oil Co. (Indiana)

LORAINE

Morey Mercantile Co. (S)

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

FOREIGN BUYERS' GUIDE

ARABIA

KUWAIT

Chhabiani, Tilumal H.

AUSTRALIA

SYDNEY

Adams & Co., Ltd., Wm., 175 Clarence St. (E & S)
Jones, David

BELGIUM

BRUSSELS

Textile Machinery of U. S. A. Co., 33 Rue du Doyenne

BOLIVIA

LA PAZ

Nehab & Cia., 1182 La Paz

BRAZIL

RIO DE JANEIRO

Wepper, Albert, Rua Buenos Aires, 90 S/501 (E & S)

SAO PAULO

Reliance Electric & Engineering Co.

CANADA

CALGARY, ALBERTA

Brock, Ltd., Stanley, 523 Eighth Ave., W. (E & S)
Crane, Ltd., 802 11th Ave., W.
Harrison & Crosfield (Canada) Ltd., 1088 Homer St. (E & S)
Permutit Co., 523 Eighth Ave., W.

EDMONTON, ALBERTA

Canadian Hoffman Machinery Co., Ltd., 10029 Jasper Ave., Room 4
Crane, Ltd., Jasper Ave. & 109th St.
Harrison & Crosfield (Canada) Ltd., 10229 105th St. (E & S)

VANCOUVER, BRITISH COLUMBIA

Brock, Ltd., Stanley, 878 Cambie St. (E & S)
Canadian Hoffman Machinery Co., Ltd., 1120 Hamilton St.
Canadian Pantex Machinery Co., Ltd., 571 W. Broadway Ave.
Crane, Ltd., 346 Beatty St.
Harrison & Crosfield (Canada) Ltd., 375 Terminal Ave. (E & S)
Link-Belt, Ltd., 550 Beatty St.
Tessier Bros., Ltd., 573 W. Broadway (S)

VICTORIA, BRITISH COLUMBIA

Crane, Ltd., 1010 Government St.

WINNIPEG, MANITOBA

American Equipment Co., 132 Princess St. (E)
Brock, Ltd., Stanley, 146 Market Ave., E. (E & S)
Canadian Hoffman Machinery Co., 822 Preston Ave.
Crane, Ltd., 93 Lombard St.
Guarantee Laundry Machinery Co., 838 Winnipeg Ave. (E)
Harrison & Crosfield (Canada) Ltd., 1377 Winnipeg Ave. (E & S)
Permutit Co., 141 Market St., E.
Tessier Bros., Ltd., 279 Donald St. (S)
Wyandotte Chemicals Corp., 143 Market Ave., E.

MONCTON, NEW BRUNSWICK

Crane, Ltd., 223 St. George St.
Maritime Paint & Chemical Co., Ltd.

ST. JOHNS, NEWFOUNDLAND

Crane, Ltd., Hill O'Chips

HALIFAX, NOVA SCOTIA

Crane, Ltd., 131 W. Young St.

BRAMPTON, ONTARIO

Canadian Metal Hose Co., Ltd.

ELMIRA, ONTARIO

Link-Belt, Ltd., 19 Church St., E.

FORT WILLIAM, ONTARIO

Crane, Ltd., 600 Simpson St.
Industrial Grain Products, Ltd.

HAMILTON, ONTARIO

Crane, Ltd., 40 Wellington St., N.

KINGSTON, ONTARIO

Crane, Ltd., 71 Brock St.

LONDON, ONTARIO

Crane, Ltd., 304 York St.
Industrial Grain Products, Ltd., 741 Talbot St.

OTTAWA, ONTARIO

Crane, Ltd., 148 Bank St.

SWASTIKA, ONTARIO

Link-Belt, Ltd., 8 Bouvert St.

TORONTO, ONTARIO

American Laundry Machinery Co., Canadian Laundry Machinery Co., Ltd., 47-93 Sterling Rd.
Beaver Laundry Machinery Co., Ltd., 393 Sorauren Ave. (E)
Better Packages, Inc., 58 Stewart St.
Canada Color & Chemicals, Ltd., 1090 King St., W. (S)
Canadian Hoffman Machinery Co., Ltd., 126 Dundas St., W.
Canadian Laundry Machinery Co., 43-97 Sterling Rd.
Crane, Ltd., 306 Front St., W.
Crescent Belt Fastener Co., 32 Front St., W.
Dalgleish & Co., 140 Liberty St. (E & S)
Del-Ray Co., 10 Hartford Ave. (E)
Dresser Mfg. Div., Dresser Industries, 60 Front St., W.
General Detroit Corp., 394 King St., W.
Harrison & Crosfield (Canada) Ltd., Beaver Chemical & Soap Div. (E & S)
Kewanee Boiler Corp., Royce & Lansdowne Ave.
Link-Belt, Ltd., Eastern Ave.
Permutit Co., 60 Front St., W.
Procter & Gamble Distributing Co., 100 Adelaide St., W.
Standard Chemical Co., Ltd., 99 Vanderhoof Ave., Leaside (E & S)
Troy Laundry Machinery Div., American Machine & Metals, Inc., 1144 Weston Rd.
Wyandotte Chemicals Corp., P. O. Box 2, Station K

WEST TORONTO, ONTARIO

Beaver Laundry Machinery Co., Ltd. (E)

WINDSOR, ONTARIO

Eaton Chemical & Dyestuff Co., 568 E. Chatham St. (S)
Nelson Chemicals Corp., 1428 Windsor Ave. (E & S)

CHARLOTTETOWN, PRINCE EDWARD ISLAND

Murch & Co., R. E. (S)

MONTREAL, QUEBEC

American Heat Corp., 1222 University St.
American Laundry Machinery Co., 53 Bernard St., E.
Canadian Hoffman Machinery Co., Ltd., 1129 Bleury St.
Canadian Pantex Machinery Co., 3528 St. Lawrence Blvd.
Carey Co., (Ltd.), Philip, 1557 MacKay St.
Crane, Ltd., 1170 Beaver Hall Sq., 1121 St. James St., W.
Currie Co., Ltd., W. F. P. (S)
Dalgleish & Co., 6561 Durocher Ave. (E & S)
DeLaval Co., Ltd.
Harrison & Crosfield (Canada) Ltd., 270 St. Paul St., W. (E & S)
Heller & Co., M. D., (E & S), 67 Ontario St., S.
Industrial Grain Products, Ltd., 411 Confederation Bldg.
Link-Belt, Ltd., 180 Valee St.
Midland Paint & Varnish Co., 340 Dube St.
Permutit Co., 1449 Crescent St.
Tullis, Ltd., D. & J., 920 Guy St. (E & S)
Wyandotte Chemicals Corp., 20 Grey Nun St.

QUEBEC, QUEBEC

Canadian Hoffman Machinery Co., Ltd., 78 Rue ds la Capricieuse
Crane, Ltd., 39 St. Roch St.
Rious & Pettigrew (S)

REGINA, SASKATCHEWAN

Crane, Ltd., 1408 Broad St.

SASKATOON, SASKATCHEWAN

Crane, Lt., 359 First Ave., N.

CUBA

HAVANA

General Laundry Machinery Co., Acosta 35
Philadelphia Belting Co., Mercaderas 213

DENMARK

AALSBORG

Becker, Prelen, Box 80

EIRE

DUBLIN

H. Singer & Co., 44 Middle Abbey St. (E)

ENGLAND

BIRMINGHAM

Crane, Ltd., 1277 Coventry Rd., S. Yardley
Crescent Belt Fastener Co., 32 Paradise St.

BRISTOL

Crane, Ltd., 1 Broadmead

IPSWICH

Crane, Ltd., Nacton Rd.

LONDON

Crane, Ltd., 45-51 Leman St.

LUDLOW, SHROPSHIRE

American Laundry Machinery Co., British Laundry Machinery Co., Ltd., Sutton Ct., Stanton Lacy

MANCHESTER

Crane, Lt., Westinghouse Rd., Trafford Park

FRANCE

ROUBAIX (NORD)

Lemaire & Cie., P., P. O. Box 109 (E)

BOLD TYPE LISTINGS

Indicates display advertisers. For more information about their products, see the index of advertisers opposite the inside back cover for page numbers.

(E) denotes jobbers handling equipment; (S) denotes jobbers handling supplies

PARIS

Lemaire & Cie., P., 87-89 Blvd. Richard Lenoir
Mollet, Gustave, 79 Rue Amelot

GERMANY

DUISBURG-BUCHHOLZ (22a)

Egon Eisner, 8a Tauernstr. (E)

HAWAII

HONOLULU

Machine Sales & Supply Co., Ltd., 848 S. Beretania St.
Patek & Co., 859 Misson Lane (E & S)
White Co., Thomas K., 1132 Waimanu (S)

HOLLAND

ARNHEIM

Reinbergen, G., Bakenbergscheweg 187

INDIA

BOMBAY

Merchandise & Co., 325 Hornby Rd.

MEXICO

MEXICO, D. F.

Kewanee Boiler Corp., Milan 214, Apartado Postal 21354
Marx Co., S. A., Ejido 43, Deps. 401-404

MONTERREY, N. L.

Gonzales y Hnno., M. G., 15 de Mayo 536

NEW ZEALAND

WELLINGTON

Mooney Co., Ltd., G. H., Kent Terrace

PHILIPPINES

MANILA

Ingersoll-Rand Co., Philippine Industrial Equipment Co., Soriano Bldg.

SCOTLAND

GLASGOW

Crane, Ltd., 94-100 Clyde Ferry St., Anderston

SWEDEN

STOCKHOLM

Liljeldahls Press & Tvatt, Vallingatan 38
Maskenaktiebolaget & Co., Torsgatan 8

SWITZERLAND

KOSNACHT-ZURICH

Terlinden & Co.

UNION OF SOUTH AFRICA

JOHANNESBURG

Berzack Bros., Ltd., 22 Ffennell Rd. (E)

PORT ELIZABETH

Atlas Sales Service, 3 Packer Rd. (E & S)

URUGUAY

MONTEVIDEO

Cosi Co., Ltd.

VENEZUELA

CARACAS

Capurro & Sia., Eugene, Apartado 1087 (E)

(E) denotes jobbers handling equipment, (S) denotes jobbers handling supplies

more drycleaners

Advertise

in the

NATIONAL CLEANER and DYER

Than in all other publications COMBINED

More than twice as many as in the second paper

Drycleaners want sure, fast results when they use classified advertising to sell or buy plants or equipment, to hire new employees, to seek new job connections.

Naturally, they turn to the publication which in their own experience is the most readable, the most worthwhile, the most influential.

That's why they send their classified ads to the NATIONAL MARKET PLACE in the publication they consider No. 1 in the Drycleaning Industry—The NATIONAL CLEANER & DYER

When writing to advertisers please mention The NATIONAL CLEANER & DYER

THE MARK RECORD SHEET

is a great check against inaccurate marking. Records the marks used in all bundles; permits location of lot for all marks.

Used for years by hundreds of laundries.

•

Prevents duplication of marks;
Avoids mixup of garments;
Aids and simplifies sorting;
Used in any marking system;
Precludes thievery.

•

PRICE per thousand $7.50
5,000 or more, per thousand 6.50

•

SAMPLES FREE (All shipments C.O.D. unless check accompanies order.)

THE STARCHROOM LAUNDRY JOURNAL
304 EAST 45th STREET NEW YORK 17, N. Y.

NATIONAL MARKET PLACE

Where Buyers and Sellers Meet

10c a word for the first insertion and 8c a word for each subsequent, consecutive insertion of the same ad. Advertisements set in capitals or bold face type 15c a word, first insertion; 10c a word for subsequent, consecutive insertion. Minimum charge—$2.00 (new or repeat).

Help Wanted and Situations Wanted ads 5c a word for first insertion, 4c a word for each subsequent, consecutive insertion of same ad. Minimum charge—$1.00 (new or repeat). Capitals or bold face type—double these rates.

Add five words if answers are to come to a box number to be forwarded by us. Extra white space between lines doubles charges indicated.

Be sure to write your copy, name and address plainly.

Advertisements in this department must be in our hands NOT LATER THAN THE 12th OF THE PRECEDING MONTH.

Cash must accompany all orders for advertisements in our classified columns. No book accounts can be opened, as the low charge made does not permit this expense.

Mail Your Replies to Box Numbers to National Cleaner & Dyer, 304 E. 45th St., New York 17, N. Y.

CLEANING PLANTS FOR SALE

For Sale—Laundries, Drycleaning Plants, Rug Cleaning Plants in Metropolitan N. Y. C. area, Westchester, New Jersey, Connecticut, Pennsylvania. If interested in buying or selling, contact **J. B. KANDEL, 131-39 228TH STREET, LAURELTON, LONG ISLAND, NEW YORK. PHONE: LAURELTON 8-3291.** 1074-2

LAUNDRY PLANTS and **DRYCLEANING PLANTS. 100% PROPOSITIONS.** New York, New Jersey, Connecticut, Pennsylvania. Other sections—**WHERE DO YOU WISH TO LOCATE?** Richard J. Muller—Lic. Broker, 89-16 184th St., Jamaica 3, N. Y. Tel.: REpublic 9-3016. 1451-2

Drycleaning plant in Buffalo, N. Y. Average sales volume last 5 years $95,000 annually. All modern motor-driven equipment, practically new. Centrally located. Can be bought very reasonably with or without real estate. **ADDRESS:** Box 3021, **NATIONAL CLEANER & DYER.** -2

Central Jersey, established 1907, exclusive neighborhood. Store and plant grossing about $37,000 a year. Tremendous opportunities to increase business. Petroleum unit. Selling because of illness. O. K. Cleaners, 8 Sanhican Drive, Trenton 8, N. J. 3282-2

Solvent plant in southern New Mexico. Doing average of $1,500 per week. Established for 20 years. All new equipment. Land and buildings included. $75 per month from rental property. Asking $75,000. Can be financed. Write: J. O. Farten, 131 N. Water, Las Cruces, New Mexico. 3285-2

THE LARGEST AND BEST REPUTED WHOLESALE DYE HOUSE IN THE SOUTH FOR SALE. Established 1901 and enjoying the best reputation of any **DYE HOUSE** in this part of the nation. **FISHER DYE WORKS, 1813 ST. EMANUEL, HOUSTON, TEXAS.** 3302-2

Modern petroleum drycleaning plant. Equipment less than three years old. Grossing approximately two hundred dollars weekly. Unlimited opportunity. Located in citrus belt of Central Florida. Full Price $6,950—$4,500 cash. **ADDRESS:** Box 3307, **NATIONAL CLEANER & DYER.** -2

EXCEPTIONAL BARGAIN—NAPHTHA PLANT. Most modern drive-in in Western Pennsylvania. New building, equipment. Will sell at cost—liberal terms. Grossing $54,000. **ADDRESS:** Box 3313, **NATIONAL CLEANER & DYER.** -2

Due to other interest must sacrifice modern, efficient, quality drycleaning plant in Gulf Coast city. Sales $42,000. Price $18,000. Terms. **ADDRESS:** Box 3315, **NATIONAL CLEANER & DYER.** -2

WILL SACRIFICE FOR $16,000 CASH (75% WILL HANDLE) WELL ESTABLISHED BUSINESS. GROSSED $45,000 LAST YEAR. HIGHEST PRICES IN COUNTRY. LIVING QUARTERS. LOCATED ILLINOIS. ADDRESS: Box 3331, **NATIONAL CLEANER & DYER.** -2

IOWA, DES MOINES, CLEANING PLANT DOING $1,000 WEEKLY GROSS BUSINESS. HALF OF THE EQUIPMENT LESS THAN ONE YEAR OLD. FOR QUICK SALE WILL SELL BUSINESS AND REAL ESTATE FOR $28,500. ALSO HAVE LIVING QUARTERS AVAILABLE IF DESIRED. ADDRESS: Box 3369, **NATIONAL CLEANER & DYER.** -2

Modern petroleum plant, all new equipment. Will gross over $30,000 this year. Located in Illinois. $10,000 down will handle. **ADDRESS:** Box 3336, **NATIONAL CLEANER & DYER.** -2

ONE OF COUNTRY'S WELL-ESTABLISHED, MEDIUM-SIZED CLEANING AND LAUNDRY PLANTS. SANITONE LICENSEE. PERFECTLY LOCATED IN SUNNY SOUTHERN CALIFORNIA. VOLUME WELL OVER $100,000. MODERNLY EQUIPPED TO DOUBLE THIS FIGURE, IF OWNER GIVES IT FULL TIME AND ATTENTION. A REAL BUY AND PRICED FOR QUICK SALE, AT REPLACEMENT COST OF EQUIPMENT, FACILITIES. ADDRESS: Box 3344, **NATIONAL CLEANER & DYER.** -2

Modern drycleaning plant in busy industrial city in Southern Michigan. Sales well over $100,000 annually. Fully equipped for volume and quality. Property includes four apartments. Brick building. Four late model trucks. Price $69,000—Terms. **ADDRESS:** Box 3346, **NATIONAL CLEANER & DYER.** -2

WELL ESTABLISHED DRYCLEANING PLANT in **SUNNY** Central **CALIFORNIA, DOING $500 WEEKLY BUSINESS.** Owner retiring. Priced to sell $18,750. **ADDRESS:** Box 3387, **NATIONAL CLEANER & DYER.** -2

MODERN SOLVENT PLANT IN HEART OF LOS ANGELES. ESTABLISHED TWENTY-FIVE YEARS. Brick building on lot 217x100 ft. Three trucks. 80% of equipment less than one year old. **CAN HANDLE $4,000 WEEKLY. NOW GROSSING $100,000** annually, 90% wholesale. Will sell entire property or will lease for any length of time. **REASONABLE TERMS. ADDRESS:** Box 3193, **NATIONAL CLEANER & DYER.** -2

MOST MODERN DRYCLEANING PLANT FOR SALE IN ARIZONA. WELL ESTABLISHED. ALL NEW EQUIPMENT. DOING $1,500 WEEKLY BUSINESS. PRICED TO SELL, $25,000. ADDRESS: Box 3303, **NATIONAL CLEANER & DYER.** -2

One complete Mercury Drycleaning System. In excellent working shape. Need the room this machine is taking. Will consider almost any offer. Pearle Chlorotone Cleansers, 845 Allens Ave., Providence, R. I. Telephone HO 1-9000. 3390-2

Drycleaning plant in rapid growing Gulf Coast town. Established 20 years, grossing $15,000, cash and carry. Price $10,000, some terms. **ADDRESS:** Box 3395, **NATIONAL CLEANER & DYER.**

Established, modern, fully equipped 140F plant, small town, Indiana. Cash and carry. $20,000—$8,000 down. **ADDRESS:** Box 3397, **NATIONAL CLEANER & DYER.** -2

Cleaning plant with new equipment. Established 30 years. Fast growing town of 15,000 in New Mexico. $15,000. Will throw in clothes and supplies. Kirksey Cleaners, 107 N. W. Nevada Street, Portales, New Mexico. 3404-2

OKLAHOMA. Choice cleaning plants with or without real estate. Also large laundry with drycleaning department. State law protects operator against cut-price cleaning. For full information contact Wm. O. Bohnefeld, 318 McBirney Building, Tulsa, Oklahoma, Phone 4-0306 or 9-6539. 3406-2

When writing to advertisers please mention The NATIONAL CLEANER & DYER

CLEANING PLANTS FOR SALE (Cont'd)

LARGE DRYCLEANING PLANT, LAUNDRY AND LINEN SUPPLY BUSINESS serving 50,000 population on lower Florida East Coast, 1949 gross $200,000–5 stores, 7 agencies, 6 trucks and wholesale–reasonable terms to right party. **ADDRESS:** Box 3410, **NATIONAL CLEANER & DYER.** -2

WELL EQUIPPED PLANT, CENTER LOCATION. ALMOST NEW EQUIPMENT, 2 TRUCKS IN SUMMER, 3 IN WINTER. EAST COAST, SOUTH FLORIDA QUALITY PLANT ESTABLISHED 20 YEARS, PRICED RIGHT FOR QUICK SALE. ADDRESS: Box 3414, **NATIONAL CLEANER & DYER.** -2

Drycleaning plant, Florida West Coast, population over 100,000, increasing yearly. Modern equipment 100% Hoffman and Cissell, doing around $100,000 yearly. Could be increased at least 50% by worker with some ambition. Have sufficient equipment for that amount. Owner wants to retire. Price $75,000, at least half cash. **ADDRESS:** Box 3415, **NATIONAL CLEANER & DYER.** -2

DYEHOUSE FOR SALE: FULLY EQUIPPED PLANT, TRUCK, WELL ESTABLISHED. OPPORTUNITY FOR A DYER. ADDRESS: BOX 3418, NATIONAL CLEANER & DYER. -2

CLEANING PLANTS WANTED

WANTED–PLANTS–ALL KINDS–New York, New Jersey, Connecticut. **BUYERS WAITING–LIST YOURS. RICHARD J. MULLER,** Lic. Broker, 89-16 184th St., Jamaica 3, N. Y. Tel. Republic 9-3016. 873-1

CLIENTS WAITING, PLANTS WANTED, ALL SECTIONS. ABBOTT BROKERS, 110 E. 42nd ST., NEW YORK 17, N. Y. MU 6-6273. Reg. Broker. 3046-1

Will pay cash for a press shop or small plant on West Coast. Give particulars. **ADDRESS:** Box 3393, **NATIONAL CLEANER & DYER.** -1

Experienced operator and executive wishes to buy laundry or drycleaning plant doing over $100,000 annually. **ADDRESS:** Box 3394, **NATIONAL CLEANER & DYER.** -1

Wanted plant with chain of stores, annual sales $300,000–$700,000. Will make substantial investment. Reply held strictly confidential. **ADDRESS:** Box 3420, **NATIONAL CLEANER & DYER.** -1

SALESMEN WANTED

SALES REPRESENTATIVES. Sell weaving course, reweaving wearing apparel to drycleaners, tailors or as small business venture $120. National organization. Exclusive territory and effective cooperation from the home office. Amber Weaving Service, 611 Main St., Buffalo 3, N. Y. 3277-14

Wanted: Live-Wire Salesman to call on drycleaning and laundry plants to sell equipment and general supplies in parts of New York State, Vermont and Pennsylvania. Good opportunity. Must have car. **ADDRESS:** Box 3360, **NATIONAL CLEANER & DYER.** -14

Salesman with large following among cleaners and laundries to sell fur cleaning and storage chemicals. Unusual opportunity with well-known firm. No technical background necessary. Bernard Sirotta Company, 620 Smith St., Brooklyn 31, N. Y. 3371-14

Salesman to cover the entire State of Pennsylvania carrying a minimum of 25 lines of manufactured equipment for the Laundry and Drycleaning Industry. Good opportunity. Must have car. **ADDRESS:** Box 3403, **NATIONAL CLEANER & DYER.** -14

Salesmen or routemen with following or contacts for **LEADING HOUSEHOLD DRYCLEANING FIRM.** Specializing in cleaning of upholstered furniture, draperies, rugs, carpets shampooed on premises, lampshades, flameproofing and leather furniture. Salary and commission. Open for all good propositions. **ADDRESS:** Box 3417, **NATIONAL CLEANER & DYER.** -14

BUSINESS OPPORTUNITIES

Partner must retire because of ill health. Require services of plant man–laundry and drycleaning–to invest in 25-year-old organization doing approximately $3,000 per week. Finest climate in the country in which to live. Can invest $10,000 to $20,000 for proportionate ownership. Can draw $7,500 per year. A wonderful opportunity for the right man. Furnish all information in first letter. Details will be given to qualified answers. **ADDRESS:** Box 3358, **NATIONAL CLEANER & DYER.** -11

HELP WANTED

FEMALE HELP WANTED: WEAVERS nationwide, free placement service. Experienced reweaving and semi-weaving garment damages. Salary $60 and $100 for 40-hour week. Amber Weaving Service, 611 Main St., Buffalo, New York. Dept. NCD. 3276-7

Wanted–manager for Midwestern drycleaning establishment. Salary and percent of profit. State age and qualifications. **ADDRESS:** Box 3367, **NATIONAL CLEANER & DYER.** -7

Excellent oportunity for capable cleaner and silk spotter; must be qualified to take charge of cleaning room, willing to accept responsibility and train new employees; must be sober and steady worker. Plant located in Western New York State. When answering this ad give full information and wages expected. **ADDRESS:** Box 3384, **NATIONAL CLEANER & DYER.** -7

Manager: Make himself useful in Pressing Department for household drycleaning plant. Able to do spotting. **ADDRESS:** Box 3392, **NATIONAL CLEANER & DYER.** -7

EXCELLENT OPPORTUNITY for manager to take charge of all operations in solvent cleaning plant in one of the best industrial cities of over 100,000 in the country. Now averaging $4,500 per week. All retail, all routes. Fine opportunity for a man that knows all phases of the drycleaning business and can take responsibility. Give references and salary expected in first letter. All correspondence strictly confidential. **ADDRESS:** Box 3416, **NATIONAL CLEANER & DYER.** -7

SITUATIONS WANTED

Silk spotter and drycleaner. An all-around man. Steady and sober, 25 years of experience. Quality work. **ADDRESS:** Box 3243, **NATIONAL CLEANER & DYER.** -5

Hatter wants position. Dependable, factory trained, experienced in quality hat renovating. **ADDRESS:** Box 3248, **NATIONAL CLEANER & DYER.** -5

MAN WITH 25 YEARS OF EXPERIENCE AS GENERAL MANAGER, PLANT MANAGER AND SUPERINTENDENT IN BOTH DRYCLEANING AND LAUNDRY WISHES TO MAKE A CHANGE. HAVE A THOROUGH KNOWLEDGE OF TIME STUDY, COST ANALYSIS AND PRODUCTION COST. CAN TRAIN NEW HELP AND GET THE BEST OUT OF THE OLD HELP. Can operate a plant on any reasonable budget and keep it running smoothly. Can cut expenses to a minimum while producing quality work. Large plant preferred. **ADDRESS:** Box 3251, **NATIONAL CLEANER & DYER.** -5

MANAGER. Operating plants $5,000 to $10,000 a week, available Jan. 1st. Will open negotiations with organization doing quality or production work. Give full details on what you have to offer. Married, sober and use modern operating methods. **ADDRESS:** Box 3310, **NATIONAL CLEANER & DYER.** -5

Steady position wanted: Exceptionally good man, competent in all branches of the trade, able to instruct new and old help. 30 years' experience, can furnish best of references. **ADDRESS:** Box 3375, **NATIONAL CLEANER & DYER.** -5

SILK SPOTTER, PROFESSIONAL, HUBBARD GRADUATE IN DRYCLEANING, SPOTTING AND WETCLEANING. ADDRESS: Box 3382, **NATIONAL CLEANER & DYER.** -5

Silk spotter–Hubbard School graduate–some experience, age 31, will go anywhere opportunity is good. **ADDRESS:** Box 3391, **NATIONAL CLEANER & DYER.** -5

Experienced spotter for quality retail plant. Institute graduate. Best references furnished. Plant located in northern New Jersey preferred. **ADDRESS:** Box 3400, **NATIONAL CLEANER & DYER.** -5

When writing to advertisers please mention The NATIONAL CLEANER & DYER

SITUATIONS WANTED (Cont'd)

Capable man, inspector, store manager, etc. Expert on fur-cloth repairs. Full or part-time now. **ADDRESS:** Box 3401, **NATIONAL CLEANER & DYER.** -5

EXPERT SILK SPOTTER, DRYCLEANER, A-1 ALL-AROUND MAN. CAN GIVE YOU QUALITY AND PRODUCTION. AGE 42, 22 YEARS' EXPERIENCE. DESIRES STEADY POSITION. MID-WESTERN STATES. GOOD REFERENCES. ADDRESS: Box 3402, **NATIONAL CLEANER & DYER.** -5

WORKING SUPERINTENDENT. First class silk spotter and cleaner. Production, quality work; train help; dependable, steady, 30 years' experience. Give details. **ADDRESS:** Box 3405, **NATIONAL CLEANER & DYER.** -5

College graduate, age 25, single, N.I.C.D. graduate. Would like to connect with a quality drycleaner in New York City vicinity in a supervisory capacity. **ADDRESS:** Box 3407, **NATIONAL CLEANER & DYER.** -5

High class laundry-drycleaning manager. Married, age 41. Graduate N.I.C.D., 20 years' experience. Understands administration, production and sales. Capable of handling both colored and white help. Interested in large quality plant, must be permanent with a future. Now employed. Can furnish best of references. **ADDRESS:** Box 3408, **NATIONAL CLEANER & DYER.** -5

Fancy silk spotter and wet cleaner. Have had 26 years of experience. **ADDRESS:** Box 3409, **NATIONAL CLEANER & DYER.** -5

MANAGER—Ten years' plant experience. Graduate of the N.I.C.D. Married. Thirty years of age. Reliable and capable Minimum salary $100 weekly. Available 30 to 60 days following date of closing negotiations. **ADDRESS:** Box 3411, **NATIONAL CLEANER & DYER.** -5

PLANT MANAGER. Available on 30 days notice. N.I.C.D. Graduate. **ADDRESS:** Box 3422, **NATIONAL CLEANER & DYER.** -5

Manager-Supervisor—Graduate of N.I.C.D. General and Management courses. Five years intensified experience—all phases. Available Feb. 1st. Desires permanent location anywhere. **ADDRESS:** Box 3423, **NATIONAL CLEANER & DYER.** -5

CONSULTANTS

IN TROUBLE? Our chemical analysis of garments and laboratory reports place responsibility for damage, and save your money. Charges light. **HUBBARD TEXTILE CONSULTING BUREAU, SILVER SPRING, MARYLAND.** 155-25

LET US TELL YOUR CUSTOMER! Impartial laboratory reports on garment damage for settlement of claims, expert testimony for arbitration or referee. Prompt service, reasonable fee. **C. B. ANTONSON** (formerly NICD analyst), Roaring Spring, Pennsylvania. 3128-25

TRAINING SCHOOLS

ARE YOU A HUBBARD SCHOOL GRADUATE? Plant owners ask for them. No matter who or where you are, you get an "all-out" teaching service when taking a Hubbard Course. Ask for catalog covering ten approved courses. **HUBBARD CLEANING SCHOOL,** Silver Spring, Md. 154-B-15

"INDIVIDUAL INSTRUCTION IN PRACTICAL DRY CLEANING AND DYEING." Key men earn higher salaries, hold better positions so add to your knowledge and skill. Qualified instructors teach every phase of plant operation. Resident courses available for men and women of the industry. Write for further information. **BARBER'S SCIENTIFIC DRY CLEANING AND DYEING SCHOOL** 1119 "E" St. North West, Ardmore, Oklahoma. 3308-15

YOUNG MEN LEARN TAILORING IN ONE OF THE FINEST TAILORING SCHOOLS IN AMERICA. Course includes hand tailoring, power machine operation, making of pants, men's and ladies' garments, alterations and repairs, and pattern making and designing. Write for free booklet. Courses approved by the Penna. Dept. of Public Instruction and the Veterans Administration under P. L. 16 and P. L. 346. Empire Institute of Tailoring, 422 East Fifth Street, Hazleton, Penna. Phone 302. 3373-15

PUT IT *on the Record!*

The simplest, most convenient way of keeping a list of your customers, their addresses, the orders they send in, the amount they pay . . .

THE NO. 39 CLEANERS & DYERS RECORD FORM

Provides space for recording this necessary information with minimum effort. Whether your plant is large or small, whether you prefer a bound volume or loose-leaf type, your needs will be answered by one of these three editions:

No. 39 Senior Record Book
—400 Pages (10,000 entries)
Durably bound in heavy duck
with leather covers ..... $ 5.00

No. 39 Junior Record Book
—48 Pages (1,200 entries)
Board covers, marbleized
binding 1.00

Loose Leaf Binder 5.00
Loose Leaf Sheets: 100 ... 2.50
250 ... 5.00
500 ... 9.00
1000 ... 15.00

ALL PRICES PREPAID

Send orders with remittance to:

NATIONAL CLEANER & DYER
304 East 45th Street, New York 17, N. Y.

When writing to advertisers please mention The NATIONAL CLEANER & DYER

RE-WEAVING

24-HOUR SERVICE!

All Work Guaranteed

Globe

WEAVING SERVICE

17 NORTH STATE STREET CHICAGO 2, ILL.

America's Leading Repair Service

WEAVERS' SUPPLIES

Inweave and Wonderweave needles sold complete with illustrated instruction sheet, $9.00 each. Replacement points, $4.00 each. National Reweaving Service, 46 Whalley Ave., New Haven, Connecticut. 2776-23

YOU CAN DO INVISIBLE REWEAVING RIGHT IN YOUR OWN PLANT with our sensational new method of instruction. This is **NOT** just a "needle and instruction-sheet"—but a complete, detailed and professional guide that can make an expert reweaver out of any employee in your plant. Our course consists of a teaching manual that is the result of years of study, experience and improvement—with every step perfectly illustrated. **INCLUDED** is the necessary precision-made reweaving implement. With our **INSTRUCTION MANUAL** and **FULLY GUARANTEED EQUIPMENT** you can offer **INVISIBLE REPAIRS** of cuts, burns, tears; save the time of sending these jobs out, make the extra profit of doing it yourself and pay for the manual with your first few jobs. The manual of instructions complete with all necessary tools is only $35—a fraction of what personal training would cost. Order today.
L. Kletnick & Co., Dept. 4, 8342 S. Prairie Ave., Chicago 19, Ill. 3118-23

REWEAVING

REWEAVING, ONE DAY SERVICE: Cigarette burns, mothholes, tears, spots in garments, linens and rugs, like new. Small jobs returned same day. Send garments for estimate. Established 1910. American Textile Weaving Company, 5 North Wabash, Chicago. 149-29

A. A. A. WEAVING SERVICE. Holes, burns, tears and imperfections in garments and fabrics of all descriptions expertly re-woven by hand. **FINEST WORK AT NEW LOW PRICE SCHEDULE.** Save money on claims and adjustments. Sell this very profitable service to your customers. We pay postage one way. **A. A. A. WEAVING SERVICE, 1182 MADISON AVENUE, NEW YORK CITY 28.** 150-29

RE-WEAVING—Saves and renews damaged garments. Contact us. Send garments for estimate. **MAGIC RE-WEAVING SERVICE**—227 Ness Building, 28 West 2nd South, Salt Lake City, Utah. Phone: 4-4052. 1629-29

RE-WEAVERS SINCE 1920. Send us your next damaged garment or ask for price-list. **FRENCH TEXTILE CO., 432 AVENUE "A," ROCHESTER, N. Y.** 153-29

FRENCH REWEAVING, INWEAVING, STOTTING on all fabrics. Our workmanship and fast service will amaze you. Estimates mailed upon request. We pay return postage. **MAGIC TEXTILE WEAVERS,** 948 W. McNichols Rd., Detroit 3, Michigan. 1788-29

BURNS, TEARS, HOLES, re-woven perfectly in all materials. Service—small jobs, 1 day; large jobs, 1 week. Wholesale prices. We pay return postage. Free estimates if requested. Satisfaction guaranteed. Lower prices. **THRIFTY WEAVERS,** 310 St. Clair Street, **TOLEDO 4, OHIO.** 215-29

HEDDA MOHL, REWEAVER, formerly **VIENNA, PARIS.** Original French weaving, reweaving, stotting, invisible mending. Holes, burns and tears expertly rewoven. Quick service. Satisfaction guaranteed. Wholesale prices. Return postage paid. (Promotion kit free.) Hedda Mohl, Reweaver, Colorado Springs, Colo. 3130-29

REWEAVING (Cont'd)

"40% PROFIT WITHOUT INVESTMENT." Send us garments with burns, rips, holes to be skillfully rewoven by the exclusive **WONDERWEAVE** method. 100 operators, fast service. All work guaranteed for life of garment. No investment, time or labor required. OR, do your own reweaving. We sell equipment for $9 complete with instructions. Replacement points $4 each. Write to Wonder Weavers, established 1899, 44 Whalley Avenue, Dept. 9, New Haven, Connecticut. 3298-29

ANNOUNCING OUR NEW INWEAVING SERVICE! Are there worn spots, burned holes or jagged rips in your woolens, cottons or silk? Our new **INWEAVE SERVICE** sends them back to you like new! We repair suits, top coats, dresses and blankets; all woolens, cottons and silks. There's lots of wear left in those "holey" garments. For prompt and satisfactory service, write **LITTLE FRENCHMAN'S INWEAVING SERVICE,** 921 North 25th Avenue, Waco, Texas. 3361-29

The old reliable **"BERGER DAMAGE REWEAVING"** serving the cleaners and tailors trade almost forty years. The finest type of skilled work only. Prompt service, reasonably priced. Our work wins you good will. Estimates cheerfully made. Return postpage paid by us. If you want the "Best," mail your jobs to **"BERGER DAMAGE REWEAVING COMPANY,"** 666 Madison Avenue, New York City 21, Dept. O. 148-29

BETTER PROFITS and truly satisfied customers on genuine **FRENCH REWEAVING,** thread-by-thread perfect reweaving. Also **ECONOMY WORK** including In-Weaving, Over-Weaving, Stotting and invisible mending and insets. Quick service. Guaranteed fine work. Low wholesale prices. A service recommended by numerous department stores, manufacturers, dryeleaners. A trial will convince you. Send jobs for estimates. **WEAVE MASTERS, INC., DEPT. CD, 413 RACE ST., CINCINNATI, OHIO.** 3149-29

FURS, REPAIR & REMODELING SERVICE

CLEANERS & DYERS FUR SERVICES—YOUR REPAIRS, REMODELS, PURCHASES. STEAM-BURNED FUR TRIMMINGS HANDLED AND ADJUSTED AT LOW COST TO YOU. SEND US GARMENTS FOR ESTIMATE. DAVID G. KAPLAN'S CLEANER'S & DYER'S FUR SERVICE—162 W. 24 ST., NEW YORK 11, N. Y. 2833-8

When writing to advertisers please mention The NATIONAL CLEANER & DYER

DYEING

SHARP'S RE-DYEING COMPANY—DYEING EXCLUSIVELY. WHOLESALE ONLY. We are now located in a larger building and, in addition to our regular service on garments and household goods, are equipped to give you a complete service on rugs and carpets, any size. 977 Jackson Avenue, Memphis, Tennessee. 160-12

QUALITY GARMENT DYEING FOR THE TRADE. 25 YEARS OF CONSECUTIVE, SUCCESSFUL SERVICE TO CLEANING AND LAUNDRY PLANTS EVERYWHERE. SHIP YOUR DYE WORK TO LOEBL'S FOR FAST COLORS AND BLOOMING SHADES. LABELS, LISTING BLANKS FURNISHED ON REQUEST. LOEBL DYE WORKS, INC., 346-350 W. SALEM AVE., ROANOKE, VA. 522-12

THE CLARK & CASEY WHOLESALE DYE HOUSE, 10 day service on dyeing of Garments, Blankets, Rugs, and Carpets. The best in dye work, write for details: 911 Keowee St., Dayton 4, Ohio. 1075-12

QUALITY GARMENT DYEING FOR THE CLEANING TRADE. Extra fast service. Mail orders receive preference. **CENTRAL DYEING CO.,** 1552 Dickson Avenue, Scranton, Pennsylvania. 1647-12

Since 1928, **THE ELECTRIC CITY DYEING CO.** has supplied the trade with efficient and dependable dyeing service. New equipment and improved methods have made a good service better. Why not avail yourselves of the services of an old established company bearing a most enviable reputation? Your inquiry will receive immediate attention. Send for prices, supplies, charts, etc., to **THE ELECTRIC CITY DYEING CO., SCRANTON 9, PA.** Please refer to this ad. 2269-12

WHOLESALE GARMENT DYEING, QUALITY AND SERVICE. LEON L. DICKSON, MANAGER AND DYER. DICKSON'S DYE WORKS, 1329 ALEXANDER, HOUSTON, TEXAS. 2895-12

SENECA DYERS—EASY TO FINISH DYED WORK—TO THE TRADE ONLY. If you want the "BEST" send your next dye order to the **SENECA DYERS, 96 HAZELWOOD TER., ROCHESTER 9, N. Y.** 1562-12

LAUNDRY LISTS

Standard Forms or Printed to your copy. Different colored lists for each route and service simplifies record keeping and speeds service. Low Delivered Prices. Guaranteed Fast Service, prepaid to your door. **FREEBERN PRESS, HUDSON FALLS, NEW YORK.** 3413-24

MISCELLANEOUS

ANDREA MEASURING CHART. The only chart which takes length and width at the same time. Cut checker's time in half. It never makes a mistake. Place your order through your jobber. M. Andreas, 156 East 88th Street, New York 28, N. Y. 2685-8

MAKE CLOTH COVERED BUTTONS AND BUCKLES. Serve your customers and save headaches. **MAXANT BUTTON,** 121 S. Morgan, Chicago 7, Ill. 147-8

PADS, COVERS, FLANNELS for laundry and drycleaning presses. Write for price list. **FRANKLIN TEXTILE MILLS,** Dept. N., Franklin Park, Mass. 3127-8

TALON ZIPPERS for trousers, $1.80 per doz., lumberjackets, skirts, dresses. **TAILOR TRIMMINGS,** linings, buttons, pocketing. **ALL SEWING ROOM SUPPLIES. "ASK FOR OUR NEW CATALOG." NASSAU NOTIONHOUSE, NASSAU, N. Y.** 1543-8

SUEDE LEATHER ELBOW AND KNEE PATCHES available now. $4.00 per dozen pairs in all staple colors. Ask for our new free catalog. **NASSAU NOTIONHOUSE, NASSAU, NEW YORK.** 3377-8

MACHINERY WANTED

Legger wanted in good shape; state make, model, how long used, when shipment can be made; also selling price. Quinley's, Salina, Kansas. 3365-3

MACHINERY FOR SALE

For Drycleaning-Laundry Machinery try **KEEL COMPANY,** 7230 N. Western Avenue, Chicago 45, Illinois. 1463-4

REBUILT TO WEAR WITHOUT REPAIR. Complete drycleaning plants for solvent or synthetic, also complete laundry plants. Large stock on floor ready for inspection. Write for catalogue or visit us. **IMPERIAL LAUNDRY MACHINERY CO.,** 245 Huron St., Brooklyn 22, N. Y. Tel. Ev-9-6585. 832-4

Drycleaning Washer, Hoffman 36x54", also 36x64", 42x64", rebuilt like new, **BARGAIN PRICES.** Send for full details: **WILLIAMS LAUNDRY MACHINERY CO.,** Inc., 3915 22nd St., Long Island City 1, N. Y., STillwell 6-6666. 2826-4

Extractors, 48", Amico, open top, late type, rebuilt like new, $1,595; also 30", 28", 26" and 20" at **BARGAIN PRICES. WILLIAMS LAUNDRY MACHINERY CO.,** Inc., 3915 22nd St., Long Island City 1, N. Y., STillwell 6-6666. 2827-4

Filters, 5,000-gallon Hoffman, automatic scraper, Monel metal screens, practically new, **BARGAIN PRICE $895;** also available 2,000, 1,000 gallon. **WILLIAMS LAUNDRY MACHINERY CO.,** Inc., 3915 22nd St., Long Island City 1, N. Y., STillwell 6-6666. 2828-4

Bargains in used equipment offered "as is and where at" or rebuilt, as desired. Martin Equipment Corporation, 789 Hertel Avenue, Buffalo 7, New York. 3222-4

Mercury Cleaning Unit. Ten horsepower boiler, burner return system and controls. No reasonable offer refused. Mercury Cleaners, Galena, Illinois. 3337-4

One Troy Washer 44x54", wooden cylinder, motor driven, good condition . . . $550. One Hoffman low front 42x64", wooden cylinder, motor driven, good condition . . . $600. Columbia Super Cleaners Corp. 1025 Forrest Avenue, West Homestead, Pennsylvania. 3348-4

ONE REBUILT PROSPERITY 3B perchlorethylene cleaning unit complete with filter and still. Priced reasonably. 3128 W. Lake Street, Chicago 12, Ill. 3349-4

THIS UNIT IN EXCELLENT CONDITION. Mercury Z-1 $1,250; Sani System $500. **GERSON EQUIPMENT CO., 207 INVESTMENT BLDG., PITTSBURGH 22, PA.** 3220-4

FOR IMMEDIATE DELIVERY: Choice of four Band Box units, one Vic Junior, two complete solvent plants, excellent Sani-System, two Triplexes and Perry tumbler. All in good working condition. Make us an offer. Albert Keck, 329 East Jefferson, Morris, Illinois, or Mercury Cleaning System, Inc., Chicago 6, Illinois. 3385-4

National Power Marking Machine, Model No. 4-8, 14 character, in use less than three years. Price $200. Hermann Bosbach, Inc., 146 Brown Avenue, Holyoke, Massachusetts. 3396-4

One Butler filter, 5000 gal., Monel screens, pump, trap, sight glasses, automatic scrapers, practically new, $700. One Huebsch tumbler 36x30" perfect condition, $300. J. Widmer, 2016 Madison Road, Cincinnati 8, Ohio. 3398-4

AVAILABLE NOW IN YOUR LOCALITY. Bargains in good, used equipment. **MARTIN EQUIPMENT CORPORATION,** 789 Hertel Avenue, Buffalo, New York. 3399-4

3200 GALLON HOFFMAN FILTER, Monel metal screens, 3 HP motor and pump, and button trap. Also Glover steam turbine three-way windwhip. Reasonable offer accepted. Millers Cleaners, 84 E. Post Road, White Plains, N. Y. 3419-4

New 100-gallon Whitlock-Branson Vacuum Stills, directly-connected explosion-proof motor-pump sets. Ready for immediate delivery. The Whitlock Manufacturing Co., Drawer 390, Hartford 2, Connecticut. 3351-4

POWER PLANT EQUIPMENT FOR SALE

Automatic thirty horsepower boiler, complete package unit, return system. All controls now in operation. Priced for quick sale. Mercury Cleaners, Galena, Illinois. 3412-4

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Advertisers' Index

A

Adco, Inc. 183–184–185
Allen Billmyre Div., Lamson Corp. 171
Alrose Chemical Co. 144
Amber Manufacturing Co. 215
Amber Weaving Service 325
American Aniline Products, Inc. 231
American Brass Co., The (American Metal Hose Branch) 201
American Laundry Machinery Co., The 121–122–123
American Mothproofing Co. 154
American Pressboard Co. 215
Anderson-Campbell Corp. 242, 266
Anderson-Prichard Oil Corp. 148
Armour & Co. 199
Armstrong Machine Works 208
Arrow Manufacturing Co., Inc. 15
Atlanta Brush Co. 222
Audit Bureau of Circulations 198
Ayr-Mor Machinery Co., Inc. 178

B

Baddeley, Inc., M. M. 312
Band Box Corp., The 230
Behrstock Co., L. 214
Berlou Manufacturing Co. 207
Bertsch & Co. 214
Billingsly Machinery Co. 314
Bishop Co., G. H. 33
Bixbee Research, Inc. 4
Bock Laundry Machine Co. 215
Boggs & Havnaer, Inc. 308, 316
Boston Clip & Tag Co. 239, 259
Bowser, Inc. 175
Bronx Pressing Machine Co. 212
Burgess-Berliner Associates 242, 244
Bussard & Son, R. D. 202
Butler Manufacturing Co. 173

C

Caled Products Co., Inc. 120
Calgon, Inc. 172
Carman & Co., Inc. 166
Carson Textile Co., Inc. 243
Chandler Machine Co. 214
Chandler Sales & Service Co. 187
Cheshire Co., Inc., J. R. 295
Chevrolet Motor Div., General Motors Corp. 130
Chicago Metal Hose Corp. 206
Cidex Corp. 218
Cissell Mfg. Co., Inc., W. M. 155
Cleaners Sales & Equipment Corp. 174
C. O. D. Cleaning & Dyeing Co. 140
Cohen & Son, Abe 222
Columbia Appliance Corp. 213
Columbia Boiler Co. 207
Commercial Tag Co. 237
Cook Machinery Sales Co. 215
Cox Co., James E. 295
Craig Supply Co. 304
Cummings-Landau Laundry Machinery Co., Inc. 241

D

Dahlberg Machinery Co. 210
Dallas Tailor & Laundry Supply 314
Darco Corp. 200, 217, 258
Davies-Young Soap Co., The 34
Davis Specialties 19
Devere Co. 214, 265
Diamond Alkali Co. 190
Dicalite Division, Great Lakes Carbon Corp. 118
Dixie Laundry Machinery Co. 292
Dixo Company, The 304
Doctor Boiler, Inc. 137, 221
Dodge Division of Chrysler Corp. 156
Dow Chemical Co., The 138–139
Drew & Co., Inc., E. F. 150
Dryco Corp. 30–31
Duncan Co., Inc., S. H. 308
DuPont de Nemours & Co., Inc., E. I. 165
Dutton Co., C. H. 215

E

Eaton Chemical & Dyestuff Co. 169
Edwards & Co., V. 211
Emery Industries, Inc. 117
Excelsior Machinery Co. 16, 143

F

Fabric Laundry & Dry Cleaning Machinery Corp. 168
Falls Supply Co. 309
Farrington Laundry & Drycleaning Machinery Co. 299
Fastik Co., The 237
Filtrol Corporation 158
Fletcher Works 195
Frager-Sparks Co. 257
Franklin Textile Mills 246
Freydberg Bros.—Strauss, Inc. (Excello) 214
Frontier Alkali Corp. 305

G

G & G Chemical Co. 214
Gardner Machinery Corp. 308
Garment Finishing Equipment Corp. 151
GMC Truck & Coach Div., General Motors Corp. 14
Globe Weaving Service 325
Glover, Inc., Bill 177
Goodyear Tire & Rubber Co., The—Airfoam Dept. 13
Graham Quality Dyers 231
Greenville Chemical Co. 160, 256
Gross Machinery Co., Inc. 159, 232, 233, 262, 264

H

Haertel Co., Walter 200, 235, 257
Hammond Laundry-Cleaning Machinery Co. 191
Hatters Supply House, The 238
Henderson Co., Hugh G. 315
Henrici Laundry Machinery Co. 265
Hild Floor Machine Co. 157
Hodge, Farwell & Co. 225, 260, 261
Holland Supply Co. 305
Hopkins Equipment Co. 164, 223, 229, 233, 255, 258, 265
Houston Laundry Machinery Co., Inc. 315
Hub Printing Services 259
Huebsch Mfg. Co. 167
Huntington Laboratories, Inc. 163
Huron Milling Co., Inc., The 256

I

Industrial Specialties Co. 303
International Harvester Co. 135, 136

J

Jaffe, Walter 312
Johns-Manville Second Cover
Johnson Metal Hose, Inc. 239

K

Kallman Specialties Co. 305
Kelley Iron Works 308
Kennedy Car Liner & Bag Co., Inc. 203
Kenston Chemical & Supply Corp. 307
Kewanee Boiler Corp. 214
Keystone Aniline & Chemical Co., Inc. 3
Kirk's Suede & Leather Cleaners 214
Kisco Boiler & Engineering Co. 176
Kliegman Bros., Inc. 307
Kohnstamm & Co., Inc., H. 146

L

Lane & Bros., Inc., W. T. 220, 261
Larton Products Co., Inc. 237
Lasco Supply Co. 314

(Continued on page 328)

When writing to advertisers please mention The NATIONAL CLEANER & DYER

Advertisers' Index

Leffel & Co., The James 204
Lewis National Corp. 213
Lincoln Bag Co., Inc. 35–36–37–38
Little Frenchman's Dye Works 231
Loebl Dye Works, Inc. 231
Lubbock Machine Co., Inc. 210

Mc

McCleary Bros., Inc. 314
McDonnell & Miller, Inc. 213
McElmoyl Co., W. J. 220

M

Majestic Dye House 231
Manitowoc Cotton Goods Mfg. Co. 244
Manitowoc Mfg. Div. of Manitowoc Shipbuilding Co. 132–133
Mann & Co., Inc., George 300, 313
Market Forge Co. 205
Mar-Mak Rug Machinery Mfg. Co. 186
Martin Equipment Corp. 127, 230
Marvel Manufacturing Co. 213, 315
Maxant Button & Supply Co. 223
Mead Co., George E. 229
Merchants Chemical Co., Inc. 197
Mercury Cleaning Systems, Inc. 39
Mersan Products Co. 10
Midland Color & Chemical Co. 233, 253, 256, 305
Mid States Supplies, Inc. 310
Moreheat Sales Co. 222
Multi-Clean Products, Inc. 145

N

National Cash Register Co., The 128
National Cleaner & Dyer 20–21, 192, 320
National Cleaners Chemical Mfg. Co. 142
National Marking Machine Co., The 204
National Textile Conservation Co. 243
Newhouse Co. 205
New York Pressing Machinery Corp. 8, 247
Norton & Williams, Inc. 246
Nu-Pro Mfg. Co. 22
Nusbaum & Sons, Inc., A. 308

O

Olson Filtration Engineers, Inc. 182
Olson Corp., J. B. E. 261

P

Packless Metal Products Corp. 194
Package Chemical Co., Inc. 253, 256
Para-Lux Products Co. 35–36–37–38
Patterson Kelley Co., Inc., The 238
Pellerin Milnor Corp. 141, 232
Pennington, C. W. 250
Pennsylvania Salt Mfg. Co. 27
Perm-Aseptic Corp. 218, 228, 243
Perry Corporation, E. J. 230, 255, 262
Petroleum Heat & Power Co. 223
Phenix Supply Co. 295, 296
Phipps & Bird, Inc. 315
Polar Chemical Co. 300
Popkins Studio Fixtures, Inc. 258
Pre-Marked Strip Tag Co. 26
Prosperity Co., Inc., The 119
Prym, Inc., William 210
Purkett Mfg. Co. 206

R

Rainbow Dye Works 215
Ramelli, Inc., Rudolph 299
Rassenfoss Bag Co., Inc. 219
Reliable Fur Storage Equipment Co., Div. of Reliable Machine Works, Inc. 149, 235, 258
Remo Corp. 202
Rembert-Moore Machinery Co. 313
Renard's Suede & Leather Cleaners & Redyers 215, 231
Resille Co. 170, 244
Rhodes & Jordan, Inc. 315
Riverside Mfg. Co. 152–153
Rodin Machinery Co., Div. of Rodin Bros. Co. 209
Root & Co. 208
Rubinoff, M. 257
Rutherford & Co., Inc., E. J. 312

S

Scientific Supply Co. of Texas 315
Sec-O-Matic Corp. 5
Sellers Engineering Co. 161
Shedlov-Heinz Mfg. Co. 212, 247
Shields Engineering & Mfg. Co. 181, 230
Sibur Mothproof Co. 201
Siebring Mfg. Co. 222
Silkcleen Mfg. Co. 255
Sirotta Co., Bernard 235
Smith Co., Frank R. 218
Smith Co., Laurence C. 253, 308
Southern Cleaners & Laundry Supply Co. 314
Southern Laundry Machinery Co. 308
Southern Supply & Chemical Co. 315
Specialty Devices Co. 219
Speizman Machinery Corp. 308
Spix Products Co. 17
Stadham Co., Inc. 210
Standard Laundry & Cleaning Machinery Co. 212
Starchroom Laundry Journal 321
Star Service Hanger Division of L. A. Young Spring & Wire Corp. ..... 3rd Cover
Sterling Supply Corp. 312
Stovall & Associates, Inc. 299
Street & Co., Inc., R. R. 7, 129, 180

T

Takamine Laboratory, Inc. 131
Thrifty Weavers 250
"TT" TicketTag Corp. 179, 239, 259
Time Savers, Inc. 203
Tri-Pak Machinery Service, Inc. 125
Tri-State Equipment Co. 310
Troy Laundry Machinery Division of American Machine & Metals, Inc. 25
Tru-Sheen Corp. 228

U

Union Steam Pressing Machine Co. 305
Unipress Co., The 23, 247
U. S. Hoffman Machinery Corp. ..... 29, 147, 196, 222, 230, 232, 234, 247, 252, 256, 262, 263, 264, 4th cover
U. S. Machine Corp. 211
U. S. Rubber Co.—Koylon Foam Div. 134

V

Vic Cleaning Machine Co. 11
Viking Pump Co. 211
Virginia-Carolina Laundry Supply Corp. 295, 315
Virginia Greenstone Co., Inc. 209

W

Waco Tailors Supply Co. 315
Wallerstein Co., Inc. 9
Western Laundry Machinery Co. 162
Western Laundry Press Co. 188
West Side Bag & Paper Co., Inc. 307
Westvaco Chemical Division, Food Machinery & Chemical Corp. 126
White Machine Co. 212
Wichita Precision Tool Co., Inc. 193
Wilson Chemical Co., A. L. 124, 255, 258
Win-Sal Machinery Co. 309
Wisconsin Equipment Supply Co. 316
Wolff Co., Robert L. 298
Wolverine Sales Co. 211

Y

Yarnall-Waring Co. 189

Z

Zero Water Softener Mfg. Co. 266

When writing to advertisers please mention The NATIONAL CLEANER & DYER

STAR-SERVICE HANGER

DIVISION OF L. A. YOUNG SPRING & WIRE CORPORATION
9200 RUSSELL STREET, DETROIT 11, MICHIGAN
PLANTS IN CHICAGO, ILL. · TRENTON, N. J. · LEEDS, ALA.
DIVISION IN CANADA: MARSHALL VENTILATED MATTRESS COMPANY, LEASIDE, ONTARIO

CONVENIENTLY PACKAGED IN 500 LOTS

Count on HOFFMAN

to supply your every equipment need

Quality-Famous Equipment

For every size plant, Hoffman builds the right-size equipment. Engineered to give more years of faithful service, laundry and drycleaning machinery by Hoffman costs less in the long run.

Genuine Replacement Parts

You get a better value when you insist on genuine Hoffman replacement parts. For Hoffman parts are identical with those used on production. You get precision performance—no headaches, no regrets!

Tested Supplies and Accessories

Got a question about supplies? . . . a problem involving accessories? Call on Hoffman for expert advice backed by the reasearch and experience gained in assisting plant owners throughout the world.

Just about everything "but the kitchen sink"—there's a buying guide to remember about Hoffman. Since 1905, the Hoffman organization has made it a policy to keep pace with the specialized requirements of the drycleaning and laundry industries. That's why today, you'll find Hoffman your one complete dependable source for everything in drycleaning and laundry equipment and service.

Along with better-built machines and accessories, Hoffman offers expert plant layout service—genuine replacement parts—authoritative advice for every operation in your plant. Save time—save guesswork—get acquainted with the whole range of services available from Hoffman *now*.

Call your nearby HOFFMAN branch

TOPS IN VALUE . . . SINCE 1905

Hoffman

U. S. HOFFMAN MACHINERY CORP. 105 FOURTH AVENUE, NEW YORK 3, N. Y.